THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.921 UDC 551 506 1 (41-4)

APRIL 1978

VOLUME 95 NUMBER 4

Cold and rather dull, with snow at times: dry in north-west.

A complex depression over Ireland and south-west England influenced the weather at the beginning of the month, but this soon moved away south-eastwards. Pressure then rose over Scandinavia, and an anticyclone developed to the north of Britain, maintaining an easterly airflow for several days. The anticyclone moved south to Scotland on the 5th, but retreated westwards during the 7th, allowing fronts and depressions to move south or south-east across the British Isles between the 8th and the 14th. Another anticyclone drifted east across all districts between the 15th and the 17th. Frontal troughs from the west or south-west then crossed all areas and a filling depression moved across the Irish Sea on the 20th and 21st. Pressure rose over the British Isles on the 22nd as an anticyclone developed over France and Germany; this drifted northwards and declined over the next few days. A cold front moved slowly southwards on the 24th and 25th, but then a complex area of low pressure persisted to the south of Britain until the end of the month, with fronts gradually progressing northwards.

Weather

The month was generally cool, particularly during the second week, when snow fell in many areas, and also in the middle of the last week, when there were wintry showers in the north. The weather was mostly changeable and rather dull, although there were some sunny days and it was very dry in the north-west. Easterly winds predominated and fog sometimes persisted along eastern coasts. Hill fog formed extensively at times.

Wind

Winds were fresh or strong on exposed coasts at times throughout the month, occasionally reaching gale force locally. Recorded maximum gusts exceeded 60 kt on the 9th only, when speeds of 71 and 61 kt respectively were attained at the mountain station at Snaefell (Isle of Man) and at Tiree in the Inner Hebrides. Directions were mainly south-east to north-east during the first week, becoming north to north-west between the 9th and the 14th. Speeds were generally light and directions variable from the 15th to the 17th, but winds then blew mainly from points between south-west and south-east until the 23rd. East to north-east winds prevailed from the 24th until the end of the month.

Temperature

Monthly mean temperatures were below average in all areas. Departures from the normal were between -2.0 and -2.5 °C over most of eastern and central England and in parts of Wales and Cornwall, and were mostly between -1.0 and -2.0 °C elsewhere. This was the coldest April over England and Wales, as a whole, since 1922. Temperatures were generally near normal during the early part of the month, but it became cold with night frosts during the second week. It was very cold at times, and minima of around -11 °C were recorded in North Wales on the night of the 10th/11th. Temperatures returned to nearer the normal during the third week, although it was sometimes cool in eastern areas. The nights were mild in most districts between the 20th and 23rd, however, and many places recorded their highest daytime temperatures between the 22nd and the 24th, when maxima reached at least 19 °C in parts of southern England. Colder weather returned to all areas by the 25th and it remained generally cold until the end of the month.

Rainfall

Rainfall totals were above average in most east coast areas from the Moray Firth to the Wash and in most places south-east of a line from the Wash to Torbay. Totals exceeded 150 per cent of average in parts of eastern Scotland and in east Kent, where twice the normal amount of rain fell in Thanet. Rainfall was below average almost everywhere else, with less than half the usual amount for April falling in the Northern Isles and western Scotland, and also over most of north-west England, the Isle of Man and Northern Ireland. Parts of western Scotland had less than 25 per cent of average, but no long-term records were broken as April 1974 was drier. Many places had rain at the beginning of the month, but it then became mostly dry during the rest of the first week. Outbreaks of rain, wintry showers and thunderstorms which occurred during the second week were followed by a few mainly dry days, but rain reached most areas between the 18th and 21st, the heaviest falls occurring in Wales and south-west England. There was another mainly dry spell from the 22nd to the 24th, but the weather then became unsettled.

Snow

Falls of sleet or snow were confined to two main periods. Wintry showers occurred in northern areas on the 9th and moderate amounts of snow fell in north-eastern Scotland, where considerable drifting was reported. A depth of 17 cm was measured at Braemore in Caithness on the morning of the 10th and snow fell in many parts of the United Kingdom on that day. There were heavy falls of snow in places and Bedford reported an undrifted depth of 20 cm in the evening. Depths of 5 to 15 cm were measured in level snow at a number of places on the morning of the 11th. Wintry showers continued to occur until the 15th and were again reported between the 25th and the 28th. Occurrences were mainly in the north during the latter period, although scattered falls of sleet and snow, which did not lie, were reported as far south as Wiltshire and Berkshire on the 26th.

Sunshine

Except in Shetland and in one or two places on western coasts, sunshine was below average in all districts. Monthly totals were between 75 and 100 per cent of the normal in Orkney, the far north of mainland Scotland, in most western parts of the United Kingdom and along Channel-facing coasts of south-east England. Values were mostly between 50 and 75 per cent of average elsewhere. Edinburgh had its dullest April since 1901, but in spite of the generally dull weather, most areas had some sunny periods during the month.

Fog

Fog occurred most frequently during the first week, from about the 17th to the 24th, and towards the end of the month, but local fog patches occasionally developed at other times. Eastern counties of England and Scotland, and the Midlands, were the most affected areas, and fog formed extensively on coasts and hills at times, persisting in places between the 22nd and the 24th. Six people were killed on the 29th when their private aircraft crashed in fog into a hill near Rochester (Kent).

Miscellaneous Phenomena

Nil

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest Max *	Lowest Min.*	max.	min.	mean				
			difference from average					% of average	
0 Scotland N	17.2	−7.2	−1.3	−1.0	−1.1	−0.5	−7	52	85
1 Scotland E	14.6	−7.3	−2.7	−0.6	−1.7	−0.1	−2	107	71
2 England E & NE	14.8	−5.8	−3.1	−1.1	−2.1	−0.5	−2	92	62
3 East Anglia	17.3	−5.1	−3.1	−1.1	−2.2	−1.1	0	113	69
4 Midland Counties	16.5	−5.9	−2.9	−1.3	−2.1	−1.1	+2	86	66
5 England SE & Central S	18.8	−5.3	−2.9	−1.2	−2.0	−1.3	+4	128	72
6 Scotland W	17.0	−7.3	−1.6	−1.1	−1.3	−0.5	−6	39	76
7 England NW & Wales N	17.3	−6.0	−1.9	−1.2	−1.5	−1.0	−2	59	82
8 England SW & Wales S	18.5	−4.7	−2.4	−1.3	−1.9	−1.0	+2	86	83
N Ireland	15.2	−4.5	−1.8	−1.2	−1.5	−0.4	−3	48	78
Scotland	17.2	−7.3	−1.9	−0.9	−1.4	−0.4	−5	66	77
England & Wales	18.8	−6.0	−2.7	−1.2	−2.0	−1.0	+1	94	72

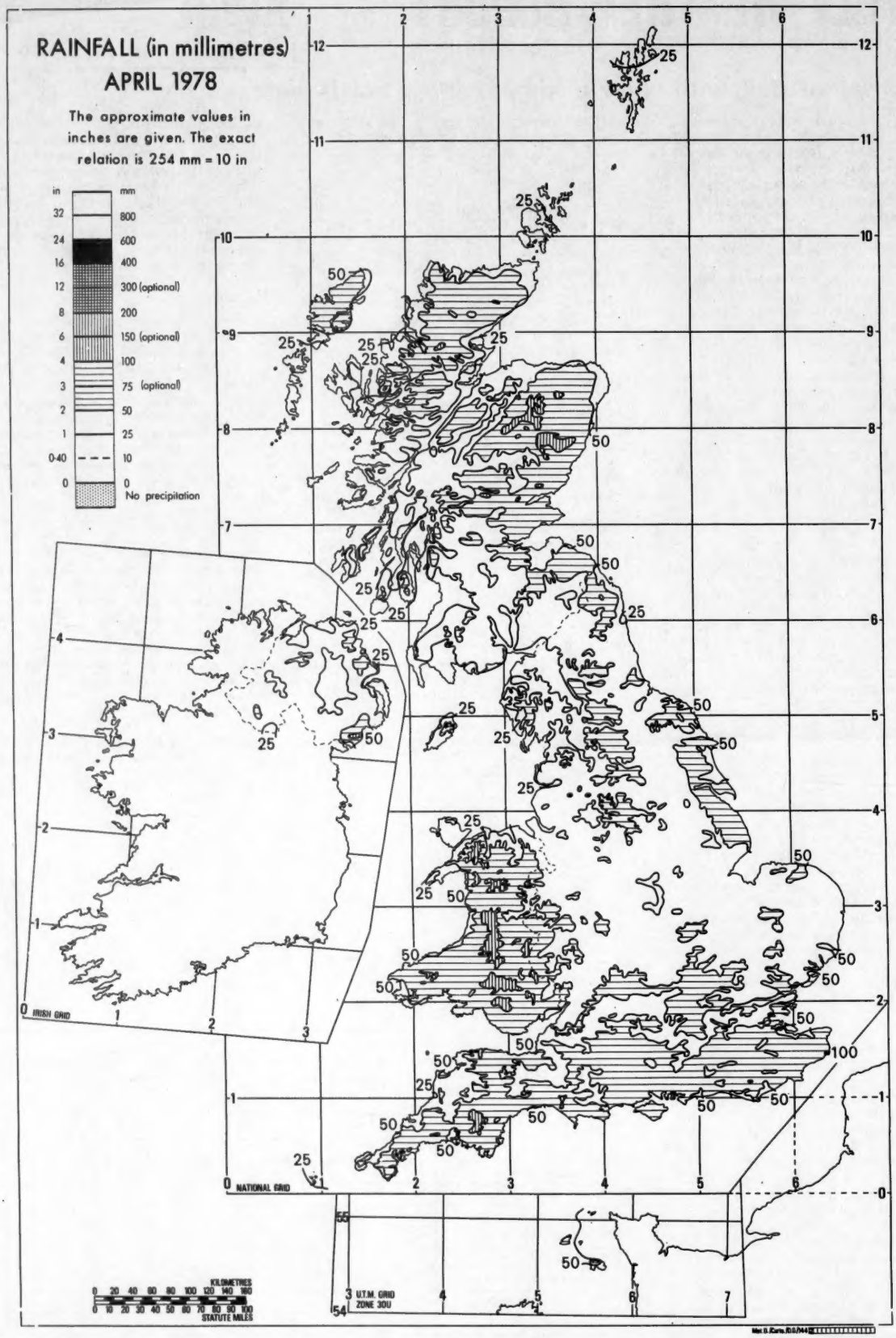
*Highest maximum and lowest minimum of District Value Stations.

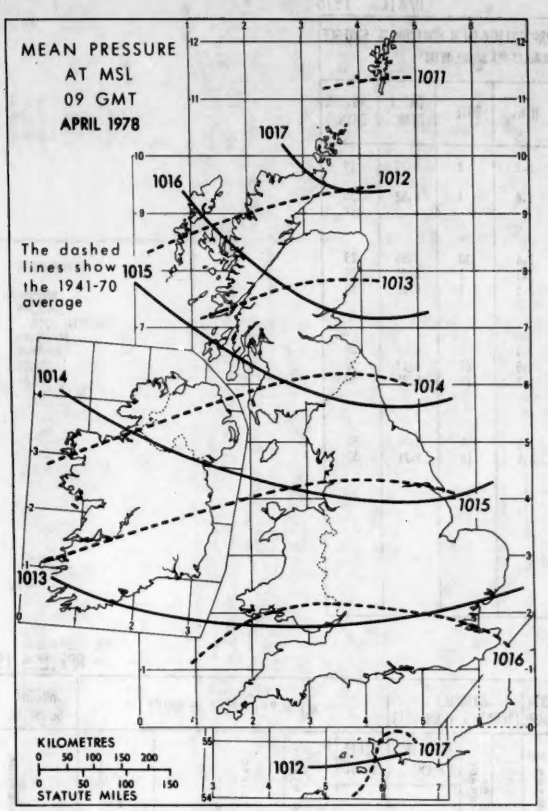
Published by Her Majesty's Stationery Office
© Crown Copyright 1978

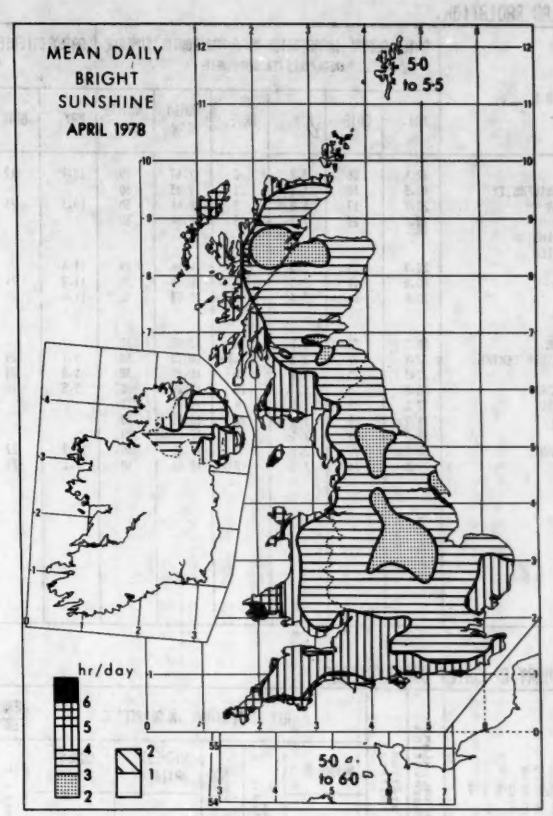
Additional to Monthly Parts, each Annual Volume of the Weather Report includes an explanatory Introduction and a Summary for the Year.

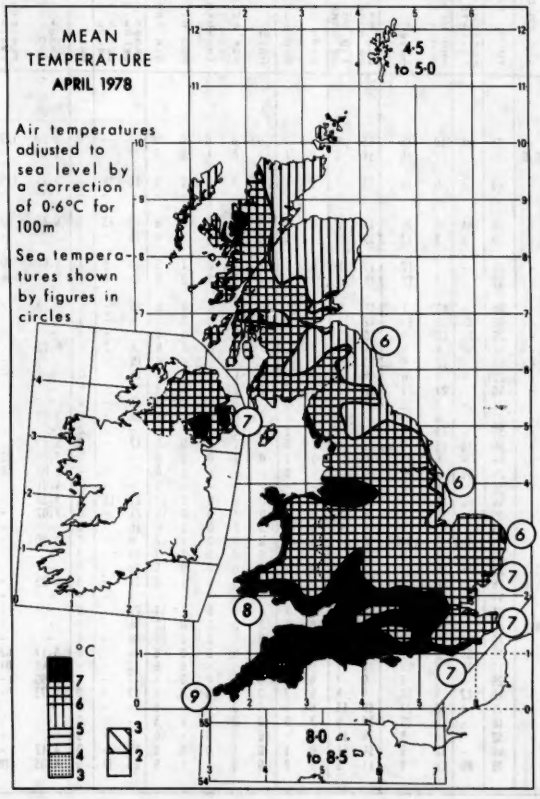
RAINFALL (in millimetres)
APRIL 1978

The approximate values in inches are given. The exact relation is 254 mm = 10 in




MEAN PRESSURE
AT MSL
09 GMT
APRIL 1978
The dashed lines show the 1941-70 average
1011
1017
1012
1016
1015
1013
1014
1015
1013
1016
1012
1017
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN DAILY
BRIGHT
SUNSHINE
APRIL 1978
5·0
to 5·5
hr/day
6
5
4
3
2
2
1
5·0 a.
to 6·0 p


MEAN
TEMPERATURE
APRIL 1978
Air temperatures adjusted to sea level by a correction of 0·6°C for 100m
Sea temperatures shown by figures in circles
4·5
to 5·0
6
7
6
6
7
8
7
7
9
°C
7
6
5
4
3
3
2
8·0 a.
to 8·5 p

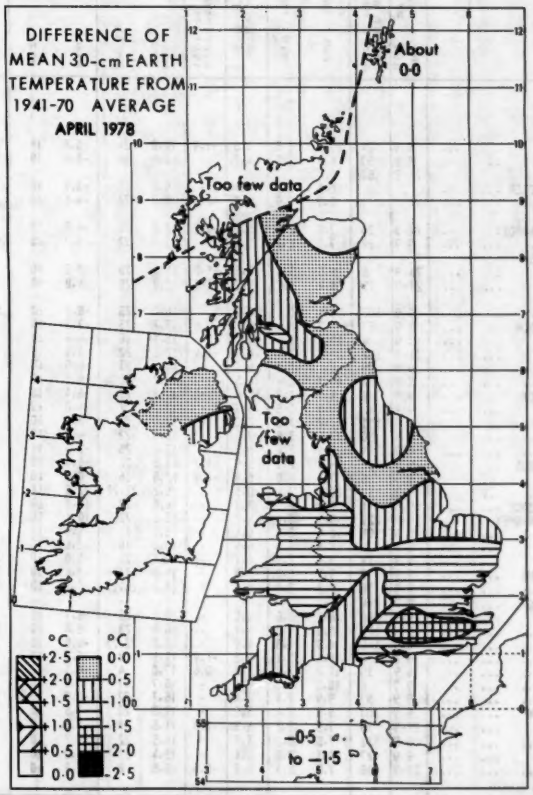

DIFFERENCE OF
MEAN 30-cm EARTH
TEMPERATURE FROM
1941-70 AVERAGE
APRIL 1978
About
0·0
Too few data
Too few data
°C
+2·5
+2·0
+1·5
+1·0
+0·5
0·0
°C
0·0
0·5
1·0
1·5
2·0
2·5
−0·5 a.
to −1·5 p

TABLE 2 SOLAR RADIATION

APRIL 1978

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	22.4	26	3.2	2	12.47	29	10.4	17	3.2	2	6.72	29
ABERDEEN UNIVERSITY	19.3	16	1.1	1	9.83	30						
ESKDALEMUIR	20.2	17	1.8	3	10.46	30	10.3	23	1.8	3	6.52	30
MOOR HOUSE	18.1	23	2.3	3	10.24	30						
SUTTON BONINGTON												
GRAFHAM WATER												
ABERPORTH	22.7	15	2.5	30	14.44	29	11.4	22	2.4	30	7.96	29
CARDINGTON	20.0	11	2.3	3	10.66	29	11.2	24	2.3	3	6.75	29
SILSOE	20.4	11	2.3	3	10.63	30	11.4	24	2.3	3	6.86	30
ROTHAMSTED												
OAKSTON												
WALLINGFORD	20.2	23	1.5	3	10.09	30						
LONDON WEATHER CENTRE	22.4	23	2.3	3.4.26	10.26	30	9.1	29	2.3	3	6.01	30
KEW	22.3	23	1.9	26	10.29	30	9.8	29	1.9	26	6.27	30
EASTHAMPSTEAD	20.2	6	1.7	26	10.29	30	9.5	16	1.7	26	6.25	30
EAST MALLING	22.3	23	1.6	4	10.44	30						
RUSTINGTON	24.7	23	1.9	26	13.05	30						
WAREHAM	22.7	23	2.3	3	12.10	30						
JERSEY AIRPORT	24.9	22	2.1	4	13.76	30	11.7	27	2.1	4	6.96	30
ALDERGROVE	21.0	24	3.9	18	12.34	30	12.1	23	3.5	18	8.21	30

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL HIGHT OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	DATE	LOWEST MINIMUM MIN.	DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT) TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS) PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
0 SCOTLAND N																																
SHETLAND																																
BALTASOUND	9	9	24	7.4	1.5	4.5	-1.4	10.0	24	-3.8	14	5.3	-	33	44	10	16	15	9	8	2	0	0	0	0	8	-	-	0	5.28	122	-
FAIR ISLE	9	9	57	6.4	3.1	4.7	-	8.4	24	-3.4	10	5.6	5.6	21	-	11	16	14	5	7	1	1	8	1	0	7	12	-	4	5.27	-	-
LERWICK	21	9	82																													
PSYCHROMETER				6.6	2.0	4.3	-	9.0	23	-3.9	10	-	-	23	-	9	16	13	7	9	1	1	7	0	0	9	16	14	0	5.21	115	-
SCREEN				6.7	1.9	4.3	-1.1	9.0	23	-4.1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORKNEY																																
KIRKWALL AIRPORT ...	21	9	26	7.8	2.3	5.1	-1.2	12.0	22	-4.5	10	-	-	26	44	5	26	14	10	8	0	3	7	0	0	6	13	13	0	4.16	82	-
WEYLAND	9	9	24	7.5	2.7	5.1	-	12.1	22	-3.7	10	6.1	-	19	-	3	13	12	9	7	0	0	1	0	0	6	15	-	1	-	-	-
WESTERN ISLES																																
BENBECULA	21	9	6	9.5	3.5	6.5	-1.0	15.4	23	-2.5	10	-	-	21	-	7	12	12	5	8	1	2	1	0	1	5	10	9	1	4.62	80	-
STORNOWAY	21	9	15	8.4	3.1	5.7	-1.2	12.9	20	-4.8	10	-	-	37	-	7	12	16	13	7	1	4	3	0	0	5	10	8	0	5.28	104	-
HIGHLAND																																
ACHANY	9	9	107	8.4	1.3	4.9	-	16.0	23	-8.2	10	5.2	-	60	-	17	1	16	9	8	1	0	4	0	0	6	15	-	0	3.28	-	-
ACHNASHELLACH	9	9	67	9.8	2.4	6.1	-0.8	17.2	23	-7.2	10	-	-	55	35	12	27	12	10	8	3	1	0	0	0	6	-	-	0	-	-	-
BALMACARA	9	9	4	10.8	3.5	7.1	-	15.1	18	-4.4	10	-	-	26	24	10	9	10	7	4	2	0	0	0	0	3	-	-	0	-	-	-
CAPE WRATH	21	9	112	7.0	2.7	4.9	-1.4	12.2	22	-3.3	10	-	-	42	58	8	9	14	10	8	5	0	5	0	2	6	6	7	0	4.83	-	-
CASSLEY	9	9	99	8.1	1.3	4.7	-	14.5	23	-6.0	10	-	-	44	-	12	9	13	9	-	-	-	-	-	-	8	16	-	-	-	-	-
CORPACH	9	9	8	10.7	2.4	6.5	-	17.2	22	-4.5	10	-	-	21	-	5	26	9	7	3	0	0	1	0	0	5	16	-	0	-	-	-
CRAIGDARROCH	9	9	38	9.9	1.7	5.8	-	17.8	23	-6.4	10	-	-	49	-	27	27	12	8	7	3	3	0	0	0	9	14	-	0	-	-	-
DALCROSS	9	9	11	8.8	2.5	5.7	-	13.7	22	-4.0	10	-	-	21	-	7	25	9	8	-	0	-	-	-	0	3	13	-	0	-	-	-
DALWHINNIE	9	9	351	7.2	-1.3	2.9	-	12.6	22	-8.0	10	-	-	23	-	6	27	12	6	9	6	0	0	0	0	19	20	-	0	3.28	-	5
DIRBRIG	9	9	60	10.5	3.9	7.2	-	15.9	22	-4.0	10	-	-	35	-	13	9	9	7	7	3	0	2	0	-	4	-	-	0	-	-	-
DOUNREAY	9	9	21	8.5	2.4	5.5	-	12.5	23	-3.5	11	-	-	39	78	13	9	11	8	2	0	0	1	0	0	6	12	-	0	4.17	-	-
FORT AUGUSTUS	9	9	21	9.5	2.3	5.9	-1.2	16.8	22	-6.6	10	-	-	16	-	4	27	10	7	5	1	0	2	0	0	8	-	-	0	3.05	72	-
FORTROSE	9	9	5	7.7	4.0	5.9	-1.4	12.5	16	0.0	10	-	-	24	59	7	25	10	7	-	0	-	-	-	1	0	-	-	-	2.83	58	-
GEISGEIL	9	9	12	10.1	2.4	6.3	-	15.2	21,22	-2.6	11	-	-	36	-	11	10	12	8	-	-	-	-	-	-	5	-	-	-	4.91	-	-
GLENMORE LODGE	9	9	341	7.8	-0.4	3.7	-	14.6	22	-10.0	10	-	-	44	65	13	9	14	10	9	7	0	4	0	0	17	21	18	0	3.37	-	5
GRANTOWN-ON-SPEY ...	9	9	229	8.3	0.1	4.2	-	15.5	22	-10.1	10	-	-	39	-	11	9	10	10	8	5	0	3	0	0	15	21	-	0	2.82	-	-
HERSTE	9	9	109	10.0	2.2	6.1	-	15.5	23	-1.9	11	-	-	33	-	7	9	9	8	6	3	3	2	0	0	6	16	-	0	-	-	-
INVERNESS	9	9	4	8.9	3.9	6.4	-	13.8	16	-2.6	10	-	-	15	36	3	10.27	10	6	3	0	0	0	0	1	2	8	-	0	2.90	-	-
INVERPOLLY	9	9	14	9.4	2.9	6.1	-	14.4	22	-5.0	10	6.3	-	39	-	13	9	10	6	5	3	0	0	0	0	7	12	-	0	-	-	-
ISLE OF RHUM	9	9	5	9.9	1.7	5.8	-	14.8	23	-3.6	10	7.3	7.1	23	15	6	12	8	7	4	1	0	0	0	0	5	22	-	0	-	-	-
KEISS	9	9	30	7.7	2.4	5.1	-	10.2	16,17	-5.8	10	5.8	5.6	26	-	10	9	10	6	7	4	2	3	0	1	8	11	-	0	4.23	-	-
KNOCKANROCK	9	9	244											47	31	(11)	9	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-
LAGANALIA	9	9	250	8.9	-0.6	4.1	-	15.2	23	-8.7	10	-	-	21	-	5	27	12	10	10	2	0	1	0	1	17	22	-	0	-	-	-
LAIRD	9	9	107	8.5	1.0	4.7	-	16.9	23	-8.0	10	5.8	5.4	61	-	23	1	17	12	8	2	2	0	0	0	10	14	-	0	-	-	-
LENTRAN	9	9	146	8.3	1.3	4.8	-	13.8	22,23	-6.0	10	-	-	20	-	6	27	13	7	7	2	0	5	0	1	10	18	-	0	-	-	-
MARN	9	9	6	8.6	2.1	5.3	-1.9	12.8	8	-5.4	10	-	-	33	88	12	25	10	8	7	0	1	6	0	0	8	14	-	0	3.17	62	-
ONICH	9	9	15	11.2	2.2	6.7	-0.6	17.0	4	-6.5	10	-	-	17	12	4	13	7	7	-	1	-	-	-	0	6	17	-	-	3.43	81	5
POOLEWE	9	9	6	10.3	3.3	6.8	-	15.7	17	-3.0	10	-	-	29	-	7	9	9	7	8	3	0	5	0	0	4	3	-	0	4.90	-	5
PRABOST	9	9	67	9.9	2.9	6.4	-	16.2	22	-3.9	10	-	-	19	17	4	12	9	6	6	3	0	7	0	0	4	17	-	0	4.73	-	-
STRATHCONON	9	9	107	9.5	1.4	5.5	-	17.3	23	-7.6	10	-	-	71	-	30	27	16	13	6	3	0	2	0	-	9	-	-	0	-	-	-
TARBATNESS	21	9	18	7.5	3.2	5.3	-1.8	11.6	8	-1.5	10	-	-	16	-	4	25	10	6	7	0	0	2	0	1	3	-	-	0	-	-	-
TOMATIN	9	9	311	7.5	-0.2	3.7	-	14.5	22	-9.7	10	-	-	32	-	8	9	14	11	10	-	0	4	0	-	16	-	-	0	-	-	-
TORRIDON	9	9	27	8.3	2.0	5.1	-	13.4	21	-4.0	10	-	-	44	-	10	9	14	11	8	1	0	1	0	0	8	15	-	0	4.12	-	-
WICK	21	9	36	7.5	2.3	4.9	-1.5	11.5	8	-6.2	10	-	-	35	80	14	9	11	8	8	2	0	8	0	1	9	13	11	0	4.03	78	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	BRIGHT SUNSHINE PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1 SCOTLAND E																															
GRAMPIAN																															
ABERDEEN																															
DYCE AIRPORT	21-9	58	8.0	2.5	5.3	-1.4	15.2	23	-3.3	10	-	-	61	131	17	27	16	11	9	1	1	5	0	3	7	13	8	0	3.76	74	-
BALMORAL	9 9	283	7.1	-0.2	3.5	-2.0	13.8	23	-6.7	10	-	-	69	132	21	1	19	12	10	5	0	0	0	-	14	20	-	0	-	-	-
BANCHORY	9 9	94	8.5	2.0	5.3	-	15.0	22	-4.2	10	-	-	73	-	26	27	17	12	8	1	0	6	0	0	8	11	6	0	3.51	-	-
BANFF	9 9	24	7.9	3.4	5.7	-	15.2	22	-1.6	10	-	-	53	133	15	1	15	8	8	1	4	0	1	0	2	-	-	2	3.97	-	-
BRAEMAR	9 9	339	7.2	0.2	3.7	-1.5	14.0	23	-6.2	10	-	-	43	79	12	1	16	7	-	5	-	-	-	0	14	28	-	-	3.56	77	-
CLASHNOIR	9 9	338	6.7	0.1	3.4	-	14.4	22	-8.9	10	4.3	-	66	-	23	1	17	12	10	5	0	0	0	0	15	17	-	0	2.87	-	-
CRAIBSTOWE	9 9	91	7.4	2.2	4.8	-1.7	14.6	23	-4.0	10	6.0	5.6	67	140	(18)	27	15	12	7	2	0	1	0	3	6	13	-	0	3.81	73	-
CULTERTY	9 9	3	7.5	2.8	5.1	-	11.4	8	-2.8	10	-	-	47	117	10	9	14	10	7	-	0	0	0	4	7	11	-	0	-	-	-
ELGIN	9 9	15	8.8	-	-	-	14.0	23	-	-	-	-	40	98	8	25	14	10	7	-	-	-	-	1	-	-	-	-	3.38	-	-
FOREHILL	9 9	40	7.1	2.6	4.9	-	11.6	23	-2.1	11	-	-	40	-	11	1	14	10	5	-	0	0	0	4	5	11	-	0	-	-	-
FORRES	9 9	5	8.9	2.6	5.7	-1.5	14.0	23	-5.4	10	7.4	6.7	29	-	9	9	11	10	8	1	0	0	0	0	7	15	-	0	2.88	58	-
FRASERBURGH	21-9	19	-	3.4	-	-	-	-	-1.0	10	-	-	40	112	15	1	11	8	7	0	3	1	0	1	3	6	8	2	3.53	-	-
FYVIE CASTLE	9 9	55	8.3	2.1	5.2	-	15.0	23	-3.0	10	-	-	69	141	25	1	17	12	6	-	0	0	0	-	9	12	-	0	-	-	-
GARTLY	9 9	146	8.0	1.6	4.8	-	15.1	23	-4.8	10	-	-	86	-	24	1	17	13	-	-	-	-	-	-	7	14	-	-	-	-	-
GLENLIVET	21-9	215	8.1	0.6	4.3	-	15.9	22	-7.4	10	-	-	54	87	10	9	17	13	10	4	1	1	0	0	13	16	14	0	2.80	-	S
INVERURIE	9 9	54	8.6	1.8	5.2	-	16.3	23	-3.8	10	-	-	63	-	18	27	15	12	8	2	3	0	0	0	9	14	-	0	3.65	-	-
KEITH	9 9	106	8.0	1.5	4.7	-	15.7	22	-5.4	10	-	-	71	-	19	1	16	11	7	3	2	2	0	-	9	15	-	0	3.34	-	-
KINLOSS	21-9	5	8.5	2.5	5.5	-1.7	13.7	22	-4.6	10	6.5	-	31	87	10	25	12	8	9	1	0	6	0	0	7	17	8	0	3.28	-	-
LOSSIEMOUTH	21-9	6	8.4	2.5	5.5	-	13.9	19	-2.2	10	-	-	32	87	8	25	15	11	9	2	0	6	0	0	8	11	8	0	-	-	-
TAYSIDE																															
ARBROATH	9 9	29	7.7	3.4	5.5	-	11.6	17	-1.9	10	-	-	50	129	29	27	9	6	1	0	0	0	0	4	3	11	-	0	3.65	64	-
ARDTALNAIG	9 9	130	9.2	2.0	5.6	-	15.0	17	-3.3	10	-	-	78	94	27	27	14	10	5	0	0	3	0	0	5	14	-	0	3.33	-	-
DALL	9 9	232	8.3	-0.7	3.8	-	14.6	23	-6.6	10	-	-	47	64	17	1	14	8	4	2	0	3	0	0	17	21	-	0	-	-	-
DRUMMOND CASTLE ...	9 9	113	8.8	1.7	5.3	-	14.0	23	-3.5	10	6.3	-	53	-	17	27	15	9	1	0	0	0	0	-	9	16	-	0	3.43	-	-
DUNDEE	9 9	45	8.5	3.2	5.9	-1.6	13.5	17	-2.2	10	7.4	-	80	178	35	27	9	8	4	0	0	5	0	5	3	11	-	0	3.92	78	-
FASKALLY	9 9	94	9.2	2.0	5.6	-	13.7	7	-4.1	10	6.4	6.1	30	59	11	1	12	8	7	0	0	0	0	0	8	16	-	0	-	-	-
KINDROGAN	9 9	259	8.0	0.2	4.1	-	13.1	23	-5.4	10	-	-	31	-	15	1	12	6	8	2	0	4	0	0	11	24	-	3	-	-	-
KINROSS	9 9	116	8.6	1.0	4.8	-	14.9	23	-4.9	11	6.1	-	63	-	28	27	9	8	-	0	-	-	-	-	10	10	-	-	3.18	-	-
MONTROSE	9 9	57	7.8	2.6	5.2	-	12.9	17	-2.9	10	-	-	55	128	(28)	27	12	8	6	0	6	0	0	2	5	10	-	0	-	-	-
MYLNEFIELD	9 9	30	8.5	3.1	5.8	-	14.3	23	-2.1	10	6.8	6.2	78	191	39	27	14	8	2	0	0	2	0	2	5	12	-	0	3.87	-	-
PERTH	9 9	23	9.4	2.2	5.8	-1.9	15.7	23	-2.8	12	-	-	61	135	28	27	8	8	-	-	-	-	-	-	8	-	-	-	2.97	58	-
STRATHALLAN	9 9	41	9.3	2.6	5.9	-	14.9	23	-2.5	10	-	-	67	-	27	27	15	8	3	0	0	2	0	0	6	13	-	0	-	-	-
USAN	21-9	30	7.2	3.0	5.1	-	12.0	17	-2.7	10	-	-	40	-	21	27	9	7	4	0	0	0	0	2	3	9	9	0	3.46	-	-
WHITEHILLOCKS	9 9	258	7.8	0.3	4.1	-	15.0	23	-6.1	12	-	-	76	105	19	27	18	8	9	5	0	0	0	0	13	19	-	0	-	-	-
FIFE																															
BELLISTON	9 9	82	8.4	3.1	5.7	-	14.7	23	-2.5	11	6.6	-	73	161	36	27	14	9	4	0	0	3	0	4	4	13	-	0	-	-	-
CUPAR	9 9	36	8.8	2.5	5.7	-	15.4	23	-2.9	10	7.0	-	77	-	41	27	14	9	3	0	0	1	0	-	9	12	-	0	3.61	-	S
GLENROTHES	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEUCHARS	21-9	10	8.0	2.7	5.3	-2.2	13.7	17	-2.8	26	-	-	65	165	29	27	13	8	6	0	0	5	0	3	7	15	13	0	3.68	66	-
PITTENVIE	21-9	40	9.0	3.0	6.0	-	14.7	17	-2.7	10	-	-	57	135	29	27	14	10	3	0	3	1	0	0	6	11	6	0	-	-	-
ST ANDREWS	9 9	18	8.3	3.2	5.7	-	14.4	17	-2.2	10	7.1	6.7	61	153	29	27	16	8	3	0	0	0	0	3	6	10	-	0	3.51	-	-
LOTHIAN																															
BUSH HOUSE	9 9	184	7.8	1.7	4.7	-	13.6	21	-4.6	11	6.0	5.8	53	104	20	27	14	11	3	3	1	0	0	3	8	17	-	0	2.39	-	-
DUNBAR	9 9	23	7.9	3.5	5.7	-1.8	13.1	19	-1.1	11	-	-	48	142	24	27	13	9	5	0	5	0	0	2	3	7	-	0	3.93	71	-
EDINBURGH																															
EAST CRAIGS	9 9	61	8.5	2.2	5.3	-	14.1	17	-4.9	11	7.0	-	53	-	29	27	13	8	3	0	0	0	0	3	8	11	-	0	3.20	-	-
ROYAL BOTANIC GARDEN	9 9	26	8.8	3.1	5.9	-1.8	13.9	23	-3.0	11	7.1	-	48	122	24	27	12	6	2	0	0	1	0	3	7	15	-	0	2.92	59	-
ROYAL OBSERVATORY BLACKFORD HILL ...	9 9	134	8.5	2.5	5.5	-2.0	14.0	17	-3.6	10	-	-	49	129	24	27	11	7	2	0	0	1	0	4	4	7	-	0	2.66	54	-
TURNHOUSE AIRPORT ...	21-9	35	8.9	2.7	5.8	-1.6	14.8	17	-4.1	11	-	-	52	129	27	27	13	8	4	0	0	3	0	1	8	15	9	0	2.88	60	-
HADDINGTON	9 9	49	8.7	2.3	5.5	-	13.5	17	-2.8	14	-	-	42	117	24	27	12	6	4	0	0	1	0	0	9	-	-	0	-	-	S
LIVINGSTON	9 9	125	8.3	0.3	4.3	-	13.7	23	-5.7	10,11	6.4	-	52	-	27	27	16	9	5	0	0	0	0	4	11	17	-	0	-	-	-
MUNRAW ABBEY	9 9	195	7.4	1.9	4.7	-	14.0	23	-5.0	11	-	-	83	-	41	27	16	10	4	0	0	2	0	1	8	-	-	0	-	-	-
PATHHEAD	9 9	131	8.0	2.2	5.1	-	14.3	19	-3.7	11	6.0	-	40	-	18	27	13	8	7	2	0	1	0	2	6	12	-	0	-	-	-
PENICUIK	9 9	189	8.3	1.0	4.7	-2.0	13.9	17	-6.8	11	6.1	-	52	93	24	27	13	10	5	3	0	0	0	4	12	15	-	0	2.52	54	-
BORDERS																															
BLYTH BRIDGE	9 9	253	7.7	1.0	4.3	-	13.0	23	-7.9	11	-	-	35	63	11	27	12	9	6	4	0	0	0	2	8	17	-	0	2.51	-	-
BLYTHE	9 9	262	7.6	0.7	4.1	-	13.8	22	-7.8	11	-	-	61	119	22	27	16	11	-	3	-	-	-	3	8	22	-	-	3.65	-	-
BOWCHESTER BRIDGE ...	9 9	146	9.0	1.0	5.0	-	14.4	19	-7.6	11	-	-	27	-	10	27	12	6	6	0	0	1	0	0	10	-	-	0	-	-	-
BOWHILL (SELKIRK) ...	9 9	168	8.9	1.3	5.1	-	15.0	19	-4.6	11	-	-	45	83	20	27	14	10	8	0	0	5	0	1	8	-	-	0	-	-	-
FLOORS CASTLE	9 9	59	9.1	2.1	5.6	-	15.6	19	-3.3	11	-	-	36	88	17	27	11	7	2	1	0	1	0	0	7	-	-	0	-	-	-
GALASHIELS	9 9	198	8.0	1.5	4.7	-	14.3	22	-4.0	11	-	-	42	-	19	27	15	9	6	1	0	2	0	1	7	11	-	0	3.16	-	-
GLENTRESS	9 9	165	8.9	1.0	4.9	-	15.0	19	-7.0	11	-	-	41	76	17	27	11	7	-	0	-	-	-	0	10	-	-	-	-	-	-
GREYCROOK	9 9	76	9.2	1.7	5.5	-	15.0	19,22	-4.0	10	6.9	-	35	-	15	27	13	7	1	1	0	0	0	-	7	15	-	0	-	-	-
KELSO	9 9	34	9.5	2.4	5.9	-	15.5	19	-3.6	11	-	-	41	-	23	27	11	8	3	1	0	1	0	0	7	15	-	0	-	-	-
LEITHOLM	9 9	64	8.9	1.7	5.3	-	14.7	23	-3.4	26	6.8	-	45	-	17	27	13	7	2	1	0	0	0	7	8	15	-	0	3.47	-	-
ST ABBS HEAD	9 9	75	7.0	3.1	5.1	-1.8	10.7	23	-0.7	10	-	-	-	-	-	-	-	-	2	1	0	0	0	4	2	8	2	1	-	-	-
STANHOPE FARM	9 9	226	8.3	0.4	4.3	-	13.3	19	-10.5	11	-	-	40	57	11	1	13	9	8	4	0	1	0	0	9	18	-	0	-	-	-
WEST LINTON	9 9	244	8.4	0.4	4.4	-1.6	13.2	17,19	-6.5	10	5.0	5.2	44	74	17	27	12	10	3	0	0	0	0	2	12	14	-	0	-	-	-
WHITCHESTER	9 9	255	7.3	1.2	4.3	-	13.5	22	-5.0	11	-	-	85	155	33	27	16	12	8	2	0	6	0	-	7	-	-	0	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT / MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	DATE	LOWEST MINIMUM MIN.	DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
6 SCOTLAND N																															
STRATHCLYDE																															
ACHAGLACHDACH	9 9	12	10.1	2.7	6.4	-	14.5	21	-2.5	10	-	-	20	20	5	11	12	6	3	0	0	2	0	0	6	16	-	0	-	-	-
ARDS	9 9	37	10.5	2.6	6.5	-	15.5	22	-4.5	10	-	-	16	-	(5)	9	8	5	1	1	0	1	0	1	8	16	-	0	-	-	-
AUCHINCRUIVE	9 9	45	9.8	3.0	6.4	-1.3	14.7	23	-3.0	10	7.0	6.8	20	39	5	9	9	8	3	2	0	0	0	0	6	16	-	0	4.27	85	-
BENMORE(YOUNGER BOTANIC GARDEN) ...	9 9	12	9.2	2.6	5.9	-	14.9	21	-4.1	10	7.1	-	37	25	8	28	13	9	5	2	0	2	0	0	7	19	-	0	-	-	-
BRODICK CASTLE	9 9	15	10.1	3.2	6.7	-	15.0	22	-1.9	10	8.5	-	45	40	7	11	14	10	3	1	0	0	0	0	5	15	-	0	-	-	-
CAMPS RESERVOIR ...	9 9	295	7.4	-0.1	3.7	-	13.2	23	-10.0	11	-	-	35	48	6	27	15	10	7	4	0	1	0	0	14	-	-	0	3.97	-	-
CARNWATH	9 9	208	8.4	0.1	4.3	-	13.6	23	-8.2	11	6.0	-	26	51	7	1	14	8	7	2	1	0	0	1	12	17	12	0	-	-	-
CORTBRIDGE	9 9	66	9.3	2.4	5.9	-	14.5	22,23	-3.5	11	-	-	33	66	12	27	10	8	-	-	-	-	-	-	8	-	-	-	-	-	-
COLONSAY	9 9	35	9.9	4.1	7.0	-	14.0	22	0.0	11	-	-	18	-	4	12	10	8	6	0	0	2	0	0	0	-	-	0	-	-	-
CRAIGHOUSE	9 9	4	9.2	3.3	6.3	-	13.0	21	-1.4	11	-	-	24	-	7	12	11	5	3	1	0	3	0	0	2	12	-	1	-	-	-
CRAWFORDJOHN	9 9	274	8.0	0.5	4.3	-	13.5	22	-9.0	11	5.6	-	-	-	-	-	-	-	7	5	0	0	0	0	11	19	14	0	3.51	-	-
CUMNOCK	9 9	99	9.6	2.0	5.8	-	15.1	23	-4.4	10	7.0	-	17	-	4	9	11	7	3	2	0	1	0	1	9	13	-	0	4.46	-	-
DUNSTAFFNAGE	9 9	3	10.3	3.0	6.7	-	15.1	23	-1.7	25	-	-	17	-	(7)	9	10	3	0	0	1	0	0	0	5	15	-	0	-	-	-
EAST KILBRIDE	9 9	178	8.3	2.2	5.3	-	14.5	22	-4.1	10	-	-	45	-	9	27	14	10	3	2	0	0	0	-	8	12	-	0	3.19	-	-
GIRVAN	9 9	8	10.8	3.9	7.3	-	16.2	23	-1.7	10	-	-	15	24	3	25	11	8	2	1	0	1	0	0	2	9	-	0	5.28	-	-
GLASGOW																															
ABBOTSINCH AIRPORT ...	21-9	5	9.7	2.6	6.1	-1.8	14.7	23	-5.4	10	-	-	25	-	5	11	12	8	8	1	0	2	0	0	7	13	9	0	3.30	67	-
SPRINGBURN PARK ...	9 9	107	8.8	2.7	5.7	-1.8	14.6	23	-4.0	10	-	-	35	55	9	27	13	9	5	1	0	0	0	5	5	12	-	0	3.24	72	-
WEATHER CENTRE (X)	21-9	40	9.6	4.3	6.9	-	15.0	23	-2.1	10	-	-	27	-	7	27	11	7	5	-	0	2	0	0	2	-	-	0	3.24	-	-
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	34	34	8	28	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENSBURGH	9 9	96	8.5	2.6	5.5	-1.8	13.4	23	-6.0	10	-	-	29	31	7	1	10	9	-	3	-	-	-	0	5	-	-	-	3.66	-	-
HUNTERSTON	9 9	8	9.8	4.0	6.9	-	15.0	21	-3.5	10	-	-	21	-	4	11	8	7	4	1	0	0	0	0	2	-	-	1	-	-	-
KILDONAN	9 9	18	9.4	3.0	6.2	-	14.2	23	-3.5	10	-	-	30	-	6	1	13	8	3	-	0	0	0	0	5	7	5	0	5.01	-	-
KNAPDALE FOREST ...	9 9	12	10.0	1.5	5.7	-	14.8	21	-2.8	8	-	-	30	-	11	25	10	9	5	0	0	0	0	1	11	19	-	0	-	-	-
LEADHILLS	9 9	388	7.3	-0.5	3.4	-	12.5	23	-9.4	11	-	-	31	32	8	1	14	7	9	5	0	2	0	0	13	19	-	0	-	-	-
MACHRIHANISH	21-9	10	9.5	3.6	6.5	-	14.9	23	-2.0	10	-	-	29	42	6	19	12	8	4	1	0	2	0	0	4	13	7	1	4.90	-	-
MILLPORT	9 9	5	9.2	4.2	6.7	-	14.5	21	-2.0	10	-	-	20	27	4	11	12	9	4	-	0	0	0	1	1	-	-	0	-	-	-
PAISLEY	9 9	32	9.8	3.7	6.7	-1.6	15.0	23	-3.5	10	6.7	7.2	31	46	6	1	12	8	4	1	0	0	0	1	3	8	-	0	2.89	61	-
PRESTWICK	21-9	16	9.9	2.5	6.2	-	14.9	23	-3.5	11	-	-	18	34	5	11	10	7	4	1	0	1	0	0	10	17	14	0	4.33	-	-
RHUVAAL	21-9	20	8.8	4.3	6.5	-	13.0	22	-1.4	10	-	-	24	31	6	9	10	7	2	0	0	1	0	0	1	4	4	0	-	-	-
ROTHESAY	9 9	43	9.1	3.9	6.5	-	14.5	23	-3.0	10	6.4	6.2	28	31	6	28	10	7	3	0	0	0	0	0	2	11	-	0	-	-	-
SLOY	21-9	12	9.4	3.0	6.2	-	14.6	21	-3.4	10	-	-	36	-	5	27	14	11	6	-	0	0	0	0	4	-	-	0	-	-	-
STRONACHULLIN	9 9	2	9.3	3.4	6.3	-	13.6	21	-2.2	10	-	-	16	-	5	12	8	4	1	0	0	0	0	0	4	10	-	0	-	-	-
TIREE	21-9	9	9.6	4.0	6.8	-0.9	13.5	23	-1.6	10	-	-	15	23	4	12	10	5	4	1	0	4	0	0	3	13	9	2	4.71	82	-
UPLAWMOOR	9 9	128	8.9	1.7	5.3	-	14.4	23	-5.3	10	-	-	36	-	13	27	12	9	3	2	1	0	0	0	8	18	-	0	-	-	-
CENTRAL																															
ARROCHYMORE	9 9	30	9.3	2.2	5.7	-	14.7	21	-5.3	10	-	-	47	-	22	27	13	9	-	2	-	-	-	0	5	15	-	-	3.33	-	-
CALLANDER	9 9	107	9.7	2.2	5.9	-	14.5	22	-3.9	10	-	-	44	47	26	27	9	8	3	0	0	1	0	0	7	16	-	0	-	-	-
EARLS HILL	21-9	335	6.5	0.7	3.6	-	12.1	23	-6.2	10	-	-	61	-	18	27	17	14	8	-	1	0	0	0	9	14	12	0	3.20	-	-
FALKIRK	9 9	5	9.2	(3.0)	(6.1)	-	14.3	17	-2.6	10	-	-	37	-	15	27	14	9	1	0	0	0	0	0	6	-	-	0	2.93	-	-
ORANGEMOUTH	9 9	4	(9.2)	(3.9)	(6.5)	-	14.5	17	-2.2	10	-	-	32	-	15	27	11	9	-	0	-	-	-	0	3	9	-	-	-	-	-
PARKHEAD	9 9	107	9.6	2.8	6.2	-	15.1	23	-3.0	10	6.9	-	31	-	12	27	10	10	-	0	-	-	-	1	6	-	-	-	-	-	-
STIRLING(BATTERFLATS)	9 9	38	9.7	2.6	6.1	-	15.0	23	-3.0	10	6.9	6.4	23	-	5	27	12	9	5	1	0	1	0	0	6	17	-	0	3.33	-	-
DUMFRIES & GALLOWAY																															
BARGRENNAN	9 9	110	10.6	1.5	6.1	-	14.9	23,24	-6.3	11	-	-	25	26	5	1	12	7	4	2	0	2	0	0	11	18	-	0	-	-	-
CLATTERINGSHAWS ...	9 9	170	9.0	1.2	5.1	-	13.7	23	-6.8	11	-	-	48	40	10	19	12	11	8	3	2	1	0	0	9	-	-	0	4.20	-	-
DUMFRIES	9 9	49	9.7	3.0	6.3	-1.2	14.9	23	-3.6	11	7.3	6.9	26	40	7	19	10	6	4	1	0	0	0	1	5	12	-	0	4.11	87	-
DUNDEUGH	9 9	119	9.7	0.9	5.3	-	14.2	4	-5.9	11	6.5	-	31	34	7	11	13	9	4	3	0	0	0	0	11	-	-	0	-	-	-
ESKDALEMUIR	21-9	242																													
PSYCHROMETER			8.1	0.8	4.5	-	14.0	23	-7.5	11	6.3	6.1	33	33	10	27	13	9	8	2	0	3	0	0	9	15	13	0	3.38	77	-
SCREEN			8.3	0.9	4.6	-1.5	14.4	23	-7.3	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-
GIRDSTINGWOOD	9 9	98	-	-	-	-	-	-	-	-	-	-	26	-	7	11	-	-	-	-	-	-	-	-	-	-	-	-	5.48	-	-
GLENLEE	9 9	55	10.3	1.4	5.9	-1.4	14.7	22	(-5.2)	11	-	-	34	37	6	11.19	13	10	-	0	-	-	-	0	8	23	-	-	-	-	-
GLENLOCHAR BARRAGE ...	9 9	47	10.2	2.8	6.5	-	15.0	23	-3.8	11	-	-	29	38	7	19	14	9	2	1	0	0	0	1	5	-	-	0	-	-	-
NEWTON STEWART	9 9	46	10.5	3.2	6.9	-	14.9	23	-4.9	11	-	-	19	26	4	12	11	5	2	1	0	0	0	0	5	12	-	0	-	-	-
PALNURE	9 9	18	10.4	2.8	6.6	-	14.2	23	-5.6	11	-	-	18	24	4	11	12	4	3	0	0	0	0	0	6	15	-	0	-	-	-
THREAVE	9 9	75	10.1	2.5	6.3	-	15.5	23	-3.9	11	7.6	-	31	41	10	19	10	7	4	1	1	2	0	0	7	17	-	0	-	-	-
2 ENGLAND E & NE																															
NORTHUMBERLAND																															
BOULMER	21-9	23	7.5	3.2	5.3	-	12.0	17	-1.8	11	6.7	6.3	41	-	21	27	10	6	8	1	0	4	0	2	4	9	9	0	3.65	-	-
COCKLE PARK	9 9	99	8.1	2.3	5.2	-	13.6	22	-3.5	11	6.3	-	41	-	18	27	13	6	2	0	1	1	0	4	5	14	-	0	(3.55)	-	-
HAYDON BRIDGE	9 9	79	9.5	2.1	5.8	-	16.2	23	-5.2	11	6.9	6.7	24	52	9	27	12	5	2	0	0	0	0	3	9	-	-	0	-	-	-
KIELDER CASTLE	9 9	201	8.7	0.5	4.6	-1.1	14.4	23	-5.7	11	6.4	-	38	50	13	27	11	9	7	3	0	0	0	1	9	-	-	0	-	-	-
LETHAMHILL FARM ...	9 9	76	8.6	(1.4)	(5.0)	-	14.2	23	-4.8	11	-	-	64	-	29	27	11	7	-	-	-	-	-	-	9	16	-	-	-	-	-
REDESDALE	9 9	238	7.5	0.6	4.1	-	13.7	23	-6.3	11	4.9	-	36	-	11	27	14	8	-	2	-	-	-	3	9	18	-	-	3.34	-	-
SERMOUSES	21-9	11	7.6	3.9	5.7	-	11.4	17	-2.0	11	-	-	43	115	21	27	8	6	1	1	0	0	0	4	1	7	6	1	3.98	-	-
STONEHAUGH	9 9	201	8.1	0.4	4.3	-	14.6	23	-6.9	11	-	-	32	-	9	27	15	10	4	1	0	1	0	10	11	21	12	0	-	-	-
TYNE & WEAR																															
CHOPWELLWOOD	9 9	136	8.7	2.4	5.5	-1.9	15.0	23	-4.0	11	-	-	42	91	13	26	14	8	4	0	0	0	0	1	5	11	-	0	-	-	-
NEWCASTLE																															
WEATHER CENTRE (X)	21-9	74	8.6	3.4	6.0	-	13.8	23	-2.9	11	-	-	35	-	14	26	12	5	5	0	0	2	0	1	3	-	-	0	3.47	-	-
TYNEMOUTH	21-9	50	6.9	3.8	5.3	-2.4	11.0	9	-3.2	11	-	-	30	77	11	27	13	4	4	0	1	1	0	4	2	6	-	1	3.71	74	-
WASHINGTON	9 9	29	8.7	(2.5)	(5.6)	-	13.1	17	-3.0	11	6.6	6.5	33	-	14	26	13	5	0	0	0	1	0	2	6	-	-	0	3.34	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS — APRIL 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL HIGHT OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	DATE	LOWEST MINIMUM MIN.	DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
2 ENGLAND E & NE -CONTINUED																																
DURHAM																																
DURHAM	9	9	102	(9.4)	2.4	(5.9)	(-1.6)	14.4	23	-3.8	11	6.8	6.7	34	86	12	26	13	6	-	0	-	-	-	2	5	10	-	-	3.26	69	S
LOW ETHERLEY	9	9	155	8.3	1.1	4.7	-	14.1	19	-4.7	11	5.9	6.2	36	-	11	27	10	7	6	1	1	1	0	4	10	20	9	0	-	-	-
WIDDYBANK FELL	9	9	513	6.2	-0.5	2.9	-	11.7	23	-7.8	11	3.3	-	59	-	20	19	16	9	4	5	0	0	0	4	14	23	-	0	2.97	-	-
CLEVELAND																																
HARTBURN ORANGE ...	9	9	31	9.3	2.0	5.7	-	15.5	19	-5.1	11	-	-	29	84	16	26	10	3	2	0	0	0	0	2	7	15	-	0	2.83	-	-
HARTLEPOOL	9	9	9	8.3	3.5	5.9	-2.4	14.0	17	-2.9	11	-	-	29	77	14	26	11	5	5	0	0	0	0	1	3	-	-	0	3.70	-	-
NORTH YORKSHIRE																																
ASKHAM BRYAN	9	9	33	9.7	2.2	5.9	-	14.4	19	-5.6	11	-	-	33	76	11	26	10	8	4	0	0	0	0	0	7	15	-	0	3.42	72	-
CAWOOD	9	9	6	9.7	2.5	6.1	-	14.4	19	-4.5	11	6.9	6.8	37	90	10	26	10	7	3	0	0	0	0	1	6	13	-	0	3.07	-	-
HIGH MOWTHORPE	9	9	175	8.0	2.0	5.0	-	12.7	19,22	-4.6	11	5.8	-	50	102	21	26	13	7	3	1	0	0	0	4	6	(12)	-	0	3.13	-	-
LEEMING	21	9	32	9.4	2.7	6.1	-	15.3	19	-4.6	11	6.9	6.7	32	76	8	27	12	8	5	0	0	1	1	2	6	10	7	0	2.96	-	-
MALHAM TARN	9	9	395	(7.2)	(0.6)	(3.9)	(-1.8)	11.5	24	-5.5	11	(4.9)	-	-	-	-	-	-	-	5	4	0	1	0	1	8	(18)	-	1	-	-	-
PICKERING	9	9	44	9.5	2.1	5.8	-	14.6	17	-4.4	13	-	-	33	75	12	26	11	9	6	1	0	0	0	0	6	14	-	0	-	-	-
SCARBOROUGH	9	9	52	8.2	3.3	5.7	-	13.5	17	-2.5	11	7.3	7.1	49	116	19	26	12	8	3	0	1	0	0	1	3	10	-	0	-	-	-
SILPHO MOOR	9	9	203	7.5	1.6	4.5	-	13.5	17	-5.2	11	5.5	-	57	102	28	26	14	8	1	2	0	0	0	4	5	21	-	0	3.32	-	-
SNAIZEHOLME	9	9	290	7.0	0.5	3.7	-	12.4	23	-5.9	11	5.3	-	32	-	11	1	13	7	3	2	0	0	0	1	10	17	-	0	3.39	-	S
WHITBY	9	9	41	8.0	2.7	5.3	-	12.8	23	-3.2	11	-	-	34	-	16	26	13	6	7	1	0	4	0	2	4	-	-	0	3.62	-	-
WHITBY(COASTGUARD) ...	21	9	60	7.4	2.3	4.9	-	11.9	17	-2.6	11	-	-	29	-	13	26	15	5	5	1	0	0	0	4	4	9	4	1	-	-	-
YORK(HESLINGTON) ...	9	9	19	(9.9)	1.1	(5.5)	-	14.7	19,22	-5.5	11	7.2	7.1	40	97	14	26	10	8	2	0	0	0	0	1	8	15	-	0	3.48	-	-
HUMBERSIDE																																
BRIDLINGTON	9	9	48	7.5	2.5	5.0	-	10.5	9	-3.6	12	-	-	50	103	25	26	11	8	5	0	0	2	0	2	5	10	-	2	3.60	-	-
CLEETHORPES	9	9	7	8.5	3.5	6.0	-2.4	13.6	17	-1.1	11	-	-	50	119	25	26	11	8	-	0	-	-	-	1	2	-	-	-	2.74	52	-
HULL	9	9	2	9.4	3.4	6.4	-2.3	13.5	22	-2.3	11	7.7	7.5	51	111	26	26	12	7	3	0	0	1	0	1	3	8	-	0	3.02	63	-
LINCOLNSHIRE																																
BINBROOK	21	9	108	8.0	2.4	5.2	-	12.3	17	-3.9	11	-	-	58	116	23	26	12	8	7	2	0	2	0	4	6	12	7	0	3.24	-	-
CAISTOR	9	9	21	9.4	2.8	6.1	-	14.3	19	-4.0	11	-	-	49	-	20	26	11	9	-	-	-	-	-	-	6	-	-	-	-	-	-
CRAWWELL	9	9	62	9.3	2.2	5.7	-2.4	14.0	2	-3.6	11	6.8	6.5	33	80	8	13	10	8	5	0	0	1	0	2	6	14	12	0	2.90	55	-
KIRTON	9	9	4	9.3	2.5	5.9	-	13.4	2	-3.5	11	7.0	7.1	36	-	10	13	9	7	4	1	0	1	0	0	7	12	-	0	3.54	-	-
LINCOLN	9	9	6	9.6	2.3	5.9	-2.4	14.3	22	-5.8	11	6.9	6.6	28	-	8	13	9	7	4	0	0	0	0	0	6	13	-	0	(3.18)	-	-
SKEGNESS	9	9	5	8.1	3.9	6.0	-2.1	12.0	17	-1.5	13	-	-	51	128	22	26	11	9	1	0	0	0	0	0	1	7	-	0	3.40	62	-
SUTTON BRIDGE	9	9	4	9.8	3.0	6.4	-	14.8	23	-2.8	11	-	-	41	105	13	13	9	8	3	-	0	0	0	-	4	13	-	0	-	-	-
WADDINGTON	21	9	68	9.1	2.5	5.8	-2.5	13.5	22	-4.0	11	-	-	31	75	8	26	9	7	7	0	0	1	0	2	5	14	10	0	3.10	58	-
3 EAST ANGLIA																																
NORFOLK																																
COLTISHALL	21	9	17	9.1	3.2	6.1	-	14.6	2	-2.3	13	-	-	38	96	12	13	10	6	6	0	0	3	0	4	3	13	6	0	-	-	-
CROMER	9	9	54	8.8	3.4	6.1	-2.2	13.9	17	-1.3	12	-	-	46	112	12	26	12	8	1	0	0	0	0	4	3	8	-	0	3.76	68	-
GORLESTON	9	9	2	7.8	4.0	5.9	-2.2	10.5	22	-1.0	13,14	-	-	35	91	13	13	9	7	3	0	0	2	0	5	3	-	-	0	3.52	62	-
MARHAM	21	9	23	9.6	2.9	6.3	-	14.7	2,23	-4.5	13	-	-	39	-	12	26	9	7	6	0	1	1	0	0	6	12	11	0	3.94	-	-
MORLEY ST BOTOLPH ...	9	9	46	9.6	2.7	6.1	-	15.1	2	-3.4	13	7.3	-	38	-	14	13	9	6	2	0	0	0	0	3	7	13	-	0	4.34	-	-
SANTON DOWNHAM	9	9	24	10.2	1.5	5.9	-	15.6	23	-7.2	13	6.6	6.6	51	127	19	13	12	8	-	0	-	-	-	0	9	22	-	-	3.75	-	-
SCOLE	9	9	27	10.1	3.0	6.5	-	16.5	2	-3.5	13	7.5	7.6	35	-	15	13	10	6	4	0	0	2	1	2	5	10	-	0	4.21	-	-
TERRINGTON ST CLEMENT	9	9	3	9.7	(2.7)	(6.2)	(-2.3)	14.8	2	-4.0	13	7.2	-	37	101	12	26	12	6	2	0	0	0	0	1	4	14	-	0	3.92	74	-
CAMBRIDGESHIRE																																
BOXWORTH	9	9	53	9.9	2.3	6.1	-	16.2	24	-3.5	11	-	-	41	115	12	13	14	9	2	1	0	0	0	4	6	13	-	0	3.41	-	-
CAMBRIDGE																																
BOTANIC GARDEN ...	9	9	12	(10.6)	2.9	(6.7)	(-2.2)	17.3	24	-3.1	13	7.6	7.6	(47)	(130)	13	13	(11)	(10)	3	1	0	0	0	0	6	12	-	0	-	-	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9	9	24	(10.2)	(2.6)	(6.4)	-	16.8	24	-2.9	13	-	-	45	124	13	13	12	10	2	1	0	0	0	1	4	(13)	-	0	3.44	65	-
MARCH	9	9	2	10.5	2.6	6.5	-	16.1	23	-3.2	11	-	-	35	93	14	13	13	7	-	-	-	-	-	-	6	-	-	-	-	-	-
MARHOLM	9	9	21	9.8	2.2	6.0	-	15.1	2	-3.7	11	-	-	42	-	12	13	11	6	-	-	-	-	-	-	7	16	-	-	-	-	-
NEPAL	9	9	-2	10.2	2.5	6.3	-	15.8	24	-4.6	13	7.8	8.4	37	-	14	13	14	5	2	0	0	0	0	0	7	15	-	0	3.59	-	-
MONKS WOOD	9	9	39	9.9	2.8	6.3	-	15.0	23	-1.8	16	7.1	7.0	42	113	11	13	15	9	3	1	0	0	0	2	5	17	-	0	3.20	-	-
WITTERING	21	9	73	9.2	2.8	6.0	-	13.9	2	-3.4	11	-	-	46	-	12	29	13	9	5	1	1	0	0	4	4	12	9	0	2.57	-	-
WYTON	21	9	40	9.9	2.7	6.3	-	15.9	24	-2.9	11	-	-	33	96	10	13	12	9	6	0	0	1	0	2	5	16	13	0	-	-	-
SUFFOLK																																
ALDEBURGH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROOMS BARN	9	9	75	9.8	2.8	6.3	-	15.5	24	-2.9	13	6.7	6.9	37	98	13	13	12	8	6	0	0	0	0	2	5	11	-	0	3.83	-	-
CAVENDISH	9	9	55	10.0	2.5	6.3	-	16.1	24	-3.1	13	-	-	-	-	-	-	-	-	6	0	0	1	0	1	8	15	-	0	-	-	-
EAST BERGHOLT	9	9	5	(10.7)	(2.0)	(6.3)	-	15.2	22	-3.0	13	-	-	42	121	15	13	(13)	(7)	-	0	-	-	-	0	7	(19)	-	-	-	-	-
HAUGHLEY	9	9	58	9.5	2.2	5.9	-	14.2	23	-5.3	16	7.3	-	43	-	17	13	12	6	3	1	0	1	0	5	7	(20)	-	0	-	-	-
HOVINGTON	21	9	49	9.7	2.7	6.2	-	15.0	2	-2.9	13	-	-	45	125	17	13	12	7	6	1	0	3	0	2	7	12	11	0	3.91	-	-
LEVINGTON	9	9	22	9.5	2.9	6.2	-	14.2	2	-3.0	13	-	-	42	-	17	13	12	5	9	0	0	5	0	2	6	13	-	1	3.99	-	-
LOWESTOFT	9	9	25	8.2	3.7	5.9	-2.2	11.8	20	-2.2	13	7.6	7.5	34	90	11	13	11	7	4	1	5	0	0	4	3	6	5	0	4.44	78	-
WATTISHAM	21	9	89	9.4	2.8	6.1	-	14.9	2	-4.2	13	-	-	42	110	13	13	13	6	7	1	1	3	0	2	6	14	9	0	4.15	-	-
BEDFORDSHIRE																																
CARDINGTON	21	9	29	10.3	2.4	6.3	-	16.7	24	-5.8	11	7.1	7.2	44	125	13	13	13	8	5	1	0	2	0	2	8	14	11	0	3.50	-	-
LUTON	9	9	158	9.1	2.5	5.8	-	16.2	24	-4.1	11	7.1	7.4	64	142	13	13	17	12	-	2	-	-	-	3	5	-	-	-	3.56	-	-
SILSOE	9	9	59	9.9	2.2	6.1	-2.4	16.9	24	-5.2	11	6.6	7.0	48	134	14	10	14	9	4	2	0	0	0	3	10	14	12	-	3.47	66	-
WOBURN	9	9	89	10.1	2.3	6.2	-2.1	16.7	24	-4.6	11	7.1	7.0	50	113	10	13	16	10	3	1	0	0	0	1	7	17	-	0	3.39	68	-
HERTFORDSHIRE																																
ALDENHAM SCHOOL ...	9	9	91	10.5	2.9	6.7	-	17.3	24	-2.6	11	7.8	-	59	128	12	13	17	11	3	1	0	0	0	0	5	10	9	0	-	-	-
DARSTON	9	9	78	10.1	3.0	6.5	-	17.4	24	-2.5	13	-	-	51	113	12	13	16	11	3	1	1	0	0	0	3	13	10	0	3.83	-	-
HODDESDON	9	9	43	10.8	(3.1)	(6.9)	-	17.8	24	-2.7	11,12	8.7	-	46	104	12	13	14	11	3	1	0	0	0	-	5	-	-	0	3.54	-	-
ROTHAMSTED	9	9	128	9.8	2.5	6.1	-2.1	16.9	24	-3.4	11	6.8	6.7	57	122	13	13	16	11	5	1	0	1	0	2	6	15	-	0	3.67	73	-
ST ALBANS	9	9	83	10.1	3.0	6.5	-1.9	17.2	24	-2.5	11,13	7.3	-	43	100	9	29	13	9	3	1	0	0	0	3	3	15	-	2	3.82	-	-
STANSTEAD ABBOTTS ...	9	9	30	10.5	2.8	6.7	-	16.9	24	-2.7	13	7.3	7.2	45	110	13	13	13	10	-	0	-	-	-	0	0	-	-	-	-	-	-
ESSEX																																
CLACTON-ON-SEA	9	9	16	9.2	4.4	6.8	-1.7	13.4	20	-1.0	13	7.9	7.8	57	161	10	13	11	8	1	0	0	0	0	5	1	6	-	0	4.18	73	-
HALSTEAD	9	9	70	9.9	3.1	6.5	-	15.6	24,30	-2.9	13	7.3	7.2	51	-	12	13	14	10	4	1	0	0	0	2	2	-	-	1	-	-	-
LITTLE PARNDON	9	9	54	10.5	2.9	6.7	-	16.8	24	-2.1	11	-	-	46	117	11	13	14	11	2	1	0	0	0	0	8	-	-	0	-	-	-
SHOEBURYNESS	21	9	2	9.3	3.8	6.5	-2.4	14.6	30	-1.9	13	-	-	54	164	9	24	15	10	4	1	0	1	0	1	3	12	7	0	3.64	65	-
STANFORD-LE-HOPE ...	9	9	6	9.7	3.1	6.4	-	16.5	30	-2.5	11,13	-	-	44	-	8	19	16	9	2	-	0	0	0	1	3	-	-	0	3.71	-	-
STANSTED	21	9	101	9.7	2.5	6.1	-	16.6	24	-3.3	11	-	-	45	107	14	13	15	9	5	1	0	1	0	2	8	12	10	0	-	-	-
WRITTLE	9	9	35	10.0	2.7	6.3	-2.3	16.1	24	-3.6	13	7.3	-	45	122	12	13	14	9	2	1	0	0	0	0	7	15	-	0	3.90	73	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	TERMINAL HIGHT OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	DATE	LOWEST MINIMUM MIN.	DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	10 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
4 MIDLAND COUNTIES																																		
WEST YORKSHIRE																																		
BRADFORD	9	9	134	8.9	2.7	5.8	-1.9	13.1	23	-3.5	11	6.4	6.3	50	85	13	30	15	11	4	1	0	0	0	2	4	12	-	0	3.07	67	S
BRAMHAM	9	9	54	9.7	2.2	5.9	-	14.9	19	-4.4	11	-	-	44	96	10	26	10	9	4	0	1	0	0	1	7	15	-	0	-	-	-
HUDDERSFIELD(OAKES)	21	9	232	8.8	1.9	5.3	-2.1	14.2	19	-4.6	11	6.0	5.5	52	74	16	30	16	10	8	2	3	1	1	7	6	14	11	0	2.53	58	-
ILKLEY	9	9	85	9.5	2.8	6.1	-1.7	14.0	19	-3.5	11	-	-	46	74	8	1	(12)	(10)	4	0	0	1	0	3	6	7	-	0	2.65	58	-
PONTEFRACT	9	9	78	9.2	3.0	6.1	-2.0	13.6	19	-3.1	11	-	-	31	76	8	30	(12)	(7)	6	0	0	0	0	2	4	-	-	0	-	-	-
TODMORDEN	9	9	160	8.8	2.3	5.5	-	13.6	23	-5.3	11	-	-	34	-	7	19	16	11	5	2	0	2	1	1	6	-	-	0	-	-	-
WILSDEN	9	9	262	7.7	1.7	4.7	-	13.0	23	-5.0	11	-	-	44	-	12	30	15	11	5	3	0	1	0	6	6	14	8	0	-	-	-
SOUTH YORKSHIRE																																		
FINNINGLEY	21	9	10	9.7	2.8	6.3	-	14.7	19	-2.6	11	-	-	34	85	8	13	11	9	3	0	0	1	0	1	6	16	10	0	3.22	-	-
SHEFFIELD																																		
DORE	9	9	206	8.9	2.5	5.7	-	13.1	17	-3.4	11	-	-	55	-	12	2	15	10	6	3	1	5	0	4	4	12	-	0	-	-	-
WESTON PARK	9	9	131	9.4	(3.0)	(6.2)	-2.1	14.2	19.23	-2.9	11.12	7.1	6.9	47	80	14	30	10	8	4	3	0	0	0	-	6	-	-	0	3.00	70	-
DERBYSHIRE																																		
ASHOVER	9	9	178	8.7	2.4	5.5	-	12.5	17.19	-3.9	11	-	-	45	-	7	19	16	12	5	3	0	0	0	3	6	13	-	0	2.96	-	-
BUXTON	9	9	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERBY	9	9	48	9.7	3.1	6.4	-	14.0	23	-3.0	11	-	-	35	78	7	19	15	9	3	2	0	0	0	0	4	12	-	0	2.70	-	-
WINGERWORTH	9	9	116	9.1	2.2	5.7	-	12.9	2	-3.5	11	6.6	-	44	-	11	13	16	11	4	2	0	1	0	2	10	16	-	0	2.97	-	-
NOTTINGHAMSHIRE																																		
MANSFIELD	9	9	114	9.4	2.7	6.1	-2.1	13.0	19.21	-3.5	11	-	-	43	-	9	13	17	10	3	2	0	0	0	1	5	12	-	0	-	-	-
MENTHORPE	9	9	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTTINGHAM	9	9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUTTON BONINGTON	9	9	48	9.7	2.1	5.9	-2.4	13.7	22	-3.9	11	7.0	7.0	25	57	7	13	14	9	3	0	0	1	0	0	7	16	12	0	3.00	64	-
WARSOP	9	9	46	9.4	2.4	5.9	-	13.5	19	-3.0	11	-	-	41	97	9	13	15	8	5	1	0	0	0	3	9	17	-	0	2.86	-	-
WATNALL	21	9	117	9.2	2.7	5.9	-2.4	13.8	19	-3.3	11	-	-	40	84	9	19	16	11	5	1	0	0	0	2	5	13	9	0	2.78	81	-
STAFFORDSHIRE																																		
KEELE	9	9	179	8.8	2.6	5.7	-	13.0	24	-4.1	11	6.3	6.2	33	63	7	11	13	9	4	1	0	0	0	0	7	14	10	0	3.55	-	S
OAKEN	9	9	125	9.4	2.1	5.7	-2.2	13.7	23	-4.4	11	7.0	-	40	84	7	11	14	11	6	0	0	2	0	1	9	13	-	0	-	-	S
PENKRIDGE	9	9	101	9.5	1.4	5.5	-	13.4	23	-7.0	11	-	-	40	86	6	11	15	11	4	0	0	0	0	0	11	13	-	0	-	-	-
STONE	9	9	107	9.2	2.8	6.0	-	13.2	17	-5.3	11	-	-	34	67	7	19	15	9	4	1	1	0	0	1	6	13	-	0	3.50	-	-
LEICESTERSHIRE																																		
CALDECOTT	9	9	53	9.5	2.5	6.0	-	13.9	23	-3.8	13	-	-	38	97	9	13	13	9	3	0	0	0	0	4	7	15	-	0	2.54	-	-
NEWTOWN LINFORD	9	9	119	9.4	2.4	5.9	-	14.1	23	-3.5	11	-	-	29	62	7	13.19	12	9	3	1	0	3	0	2	7	16	-	0	2.70	-	-
SALOP																																		
HAMPTON LOADE	9	9	70	(10.3)	(2.3)	(6.3)	-	14.6	23	-3.7	11	-	-	41	-	8	25	14	11	-	-	-	-	-	-	8	-	-	-	-	-	-
NEWPORT	9	9	64	9.8	2.7	6.3	-1.6	13.7	23	-5.6	11	-	-	32	77	6	1	13	8	5	0	0	1	0	0	8	14	-	0	-	-	-
OSWESTRY	9	9	174	8.8	2.6	5.7	-2.2	13.0	24	-3.1	11	-	-	53	94	13	1	14	10	5	1	0	0	0	0	2	13	-	0	3.18	63	-
PRESTON MONTFORD	9	9	67	10.2	2.4	6.3	-	14.2	23	-4.8	11	7.7	7.3	43	-	10	1	15	12	1	0	0	0	0	0	9	-	-	0	3.82	-	-
SHAWBURY	21	9	72	10.2	2.5	6.3	-1.9	15.0	22	-5.9	11	-	-	35	81	7	1	14	9	4	0	0	0	0	0	11	13	11	0	3.37	67	-
SHRENSBURY	9	9	56	9.8	2.7	6.3	-2.2	14.4	23	-4.3	11	8.0	8.0	37	89	5	11	14	11	2	0	0	0	0	1	9	12	-	0	3.29	67	-
WEST MIDLANDS																																		
BIRMINGHAM																																		
EDGBASTON	21	9	163	8.9	3.2	6.1	-2.4	13.8	23	-3.2	11	6.1	-	45	83	6	13	16	13	5	1	0	2	0	2	3	10	9	0	2.92	64	-
ELMDON AIRPORT	21	9	96	9.5	2.5	6.0	-2.1	13.8	23	-4.3	11	-	-	34	-	6	11	14	9	5	0	0	0	0	0	9	13	10	0	3.27	66	-
KING EDWARD.S SCHOOL	9	9	137	9.6	2.7	6.1	-	13.5	17.23	-2.0	10	-	-	51	102	7	13	19	16	-	0	-	-	-	1	6	-	-	-	-	-	-
COVENTRY AIRPORT	9	9	81	9.6	2.4	6.0	-	13.9	23	-3.4	11	6.9	6.9	35	-	8	19	15	12	4	1	0	0	0	0	8	-	-	0	3.37	-	-
WARWICKSHIRE																																		
LUDDINGTON	9	9	56	10.0	2.7	6.3	-	14.6	23	-4.5	11	-	-	27	-	7	19	12	7	2	0	1	0	0	0	7	14	-	0	3.53	-	-
MORETON MORRELL	9	9	85	9.9	2.4	6.1	-	14.5	23	-5.4	11	-	-	33	80	6	13	12	9	3	0	0	1	1	0	6	13	-	0	3.55	-	-
RUGBY	9	9	116	9.7	2.5	6.1	-2.3	14.3	2	-4.2	11	7.3	7.3	33	76	6	19	11	9	4	1	0	1	0	0	7	12	7	0	-	-	-
SHIPSTON-ON-STOUR	9	9	111	9.7	2.6	6.1	-2.4	15.1	23	-4.9	11	6.9	-	33	77	6	29	14	11	5	1	2	0	0	2	5	12	-	0	3.29	63	-
STRATFORD-UPON-AVON	9	9	49	(10.4)	(2.4)	(6.4)	(-2.0)	14.8	23	-5.5	11	-	-	33	78	11	19	13	9	-	0	-	-	-	0	9	-	-	-	2.97	60	-
WELLESBOURNE	9	9	47	10.1	2.8	6.5	-	15.0	23	-3.8	11	7.1	7.0	28	71	5	13	14	6	-	0	-	-	-	0	7	10	10	-	3.64	-	-
NORTHAMPTONSHIRE																																		
BUGBROOKE MILLS	9	9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOULTON PARK	9	9	122	9.2	2.2	5.7	-	14.2	2	-5.8	11	6.8	6.7	49	-	9	11.13	13	9	2	1	0	0	0	0	7	14	-	0	3.27	-	S
RAUNDS	9	9	59	9.9	2.4	6.1	-2.2	15.1	23	-5.1	11	7.3	7.2	50	124	14	10	15	9	4	1	0	0	0	1	7	14	-	0	2.70	56	S
HEREFORD & WORCESTER																																		
ASTWOOD BANK	9	9	139	9.6	2.7	6.1	-	14.2	23	-4.9	11	-	-	41	-	8	17	14	12	4	0	0	1	0	0	6	12	-	0	-	-	-
HEREFORD	9	9	51	10.4	3.2	6.8	-	15.9	23	-5.0	11	7.8	7.8	41	97	13	25	12	9	2	0	0	0	0	0	5	13	-	1	3.74	-	-
LYONSHALL	9	9	155	9.3	2.8	6.1	-2.2	14.8	23	-4.2	11	-	-	57	104	13	25	12	10	-	-	-	-	-	-	6	14	-	-	-	-	-
MALVERN	9	9	62	10.1	3.5	6.8	-	15.7	23	-2.6	11	7.5	7.2	47	96	9	19	16	12	4	0	0	1	0	0	1	12	-	0	3.38	66	-
PERSHORE																																		
COLLEGE OF HORT.	9	9	40	10.2	3.1	6.7	-	15.3	23	-4.7	11	-	-	34	79	6	17.19	14	9	2	0	1	1	0	0	6	12	-	0	3.27	-	-
PRESTON WYNNE	9	9	84	9.8	2.7	6.3	-	15.3	23	-4.8	11	-	-	48	109	13	1	13	10	0	0	0	0	0	4	6	13	-	0	(3.24)	-	-
GLOUCESTERSHIRE																																		
CHELTENHAM	9	9	65	10.8	3.1	6.9	-2.2	16.5	23	-4.9	11	-	-	42	94	7	17	16	12	2	0	0	0	0	0	5	-	-	0	3.62	70	-
INNSWORTH	21	9	21	10.6	3.2	6.9	-	16.7	23	-5.6	11	-	-	29	-	5	25	12	8	2	0	0	1	0	0	7	11	9	0	3.91	-	-
OXFORDSHIRE																																		
BENSON	21	9	67	10.4	3.0	6.7	-	18.3	24	-3.5	11	-	-	45	-	12	26	15	9	5	0	0	0	0	0	7	10	-	0	4.36	-	-
BRIZE NORTON	21	9	81	10.0	3.0	6.5	-	17.0	24	-3.6	11	-	-	43	-	7	19	15	12	5	0	0	0	0	0	7	12	9	0	3.68	-	-
LETCOMBE REGIS	9	9	107	10.1	2.5	6.3	-	18.0	24	-4.6	11	7.7	-	48	110	7	13	15	12	4	0	0	0	0	1	7	11	-	0	-	-	-
OXFORD	9	9	63	10.2	3.3	6.7	-2.4	16.5	24	-3.2	11	7.7	7.7	45	108	8	19	16	10	3	1	0	1	0	2	5	13	-	0	3.79	71	-
SHIRBURN(MODEL FARM)	9	9	108	10.1	2.7	6.4	-	18.2	24	-3.6	11	7.3	-	53	-	11	13	17	11	6	0	0	1	0	1	6	15	-	0	-	-	-
WALLINGFORD	9	9	48	10.7	2.7	6.7	-	18.4	24	-3.6	13	7.7	7.7	37	98	8	26	14	9	4	0	0	0	0	0	7	12	-	0	3.94	-	-
BUCKINGHAMSHIRE																																		
AYLESBURY	9	9	96	10.7	2.9	6.8	-1.5	17.4	24	-3.0	11	-	-	50	119	9	13	13	12	5	1	0	0	1	4	5	12	-	0	3.83	77	-
GRENDON UNDERWOOD	9	9	67	10.1	1.8	5.9	-	16.0	24	-5.5	11	7.2	7.1	43	103	8	13	16	11	3	0	0	0	0	0	9	13	-	0	3.53	-	-
MEDMENHAM	9	9	30	10.9	2.9	6.9	-	18.0	24	-4.5	13	-	-	49	107	7	25	14	11	-	-	-	-	-	-	5	14	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS — APRIL 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL HIGHT OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	DATE	LOWEST MINIMUM MIN.	DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
5 ENGLAND SE & CENTRAL S.																															
GREATER LONDON																															
BROMLEY	9 9	65	10.2	3.6	6.9	-2.4	17.0	30	-1.5	11	-	-	54	125	7	10	18	12	-	1	-	-	-	-	2	-	-	-	-	-	-
GREENWICH	9 9	7	10.5	4.1	7.3	-	17.1	30	-1.5	13	-	-	49	123	9	13	15	11	1	0	0	0	0	0	2	9	-	0	3.45	-	-
HAMPSTEAD	9 9	137	9.7	2.8	6.3	-2.4	16.4	24	-3.0	11	-	-	54	118	10	13	15	11	2	1	0	0	0	2	6	12	-	0	3.63	69	S
HAMPTON	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARROW WEALD	9 9	98	10.7	2.9	6.8	-	18.0	24	-3.0	11	8.2	8.1	49	-	10	13	17	12	-	-	-	-	-	-	3	(9)	-	-	-	-	-
HEATHROW AIRPORT ...	21-9	25	10.7	4.0	7.3	-2.1	18.0	24	-1.6	13	-	-	45	113	10	13	15	10	5	1	1	0	0	0	4	11	4	0	3.79	-	-
KENSINGTON PALACE ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEW	21-9	5																													
PSYCHROMETER			10.4	3.6	7.0	-	17.1	24	-4.0	13	7.9	7.9	48	119	10	13	15	10	5	1	0	0	1	0	6	12	8	0	3.93	73	-
NORTH WALL SCREEN ...			10.7	4.3	7.5	-2.0	17.6	30	-1.2	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON																															
WEATHER CENTRE (X)	21-9	77	10.8	5.0	7.9	-	18.0	24	-0.7	11	-	-	40	-	8	13.19	14	9	5	1	1	1	1	1	1	-	-	0	3.81	76	-
ST JAMES PARK	9 9	9	11.0	4.5	7.7	-2.3	17.4	24	-0.7	11	-	-	49	117	9	13	15	10	-	1	-	-	-	0	2	7	-	-	-	-	-
SOUTHGATE	9 9	67	10.2	3.2	6.7	-2.6	17.2	24	-2.4	11	7.5	-	45	103	10	13	14	10	3	1	0	0	0	1	5	10	-	0	3.77	77	S
WADDON	9 9	59	10.2	3.5	6.9	-2.2	16.5	24	-2.0	11.13	-	-	51	114	10	13	(16)	(11)	-	-	-	-	-	-	3	-	-	-	-	-	-
WILTSHIRE																															
BOSCOMBE DOWN	21-9	126	10.0	3.0	6.5	-2.1	18.4	24	-4.7	11	-	-	60	133	10	25	17	13	5	0	1	3	0	0	6	10	8	0	4.46	81	-
LACOCK	9 9	49	10.2	2.4	6.3	-	16.6	23	-5.9	11	-	-	49	111	7	19.30	17	13	0	0	0	0	0	0	8	13	-	0	-	-	-
LARKHILL	9 9	132	10.2	2.5	6.3	-2.0	19.0	24	-5.0	11	-	-	53	112	7	30	17	11	5	0	0	1	0	1	8	12	9	0	-	-	-
LYNEHAM	21-9	145	9.5	2.8	6.1	-2.2	15.8	24	-4.6	11	-	-	44	98	7	19	16	12	5	0	0	2	0	0	5	11	10	0	4.29	-	-
PORTON	9 9	111	10.0	2.5	6.3	-2.0	18.5	24	-5.3	11	6.9	-	62	135	13	25	17	13	-	0	-	-	-	1	7	12	8	0	4.39	79	-
TROWBRIDGE	9 9	37	10.5	2.6	6.5	-	19.4	24	-5.2	11	7.8	-	52	-	7	19	16	14	4	0	1	2	1	0	7	15	-	0	-	-	-
UPAVON	21-9	179	9.6	2.8	6.2	-	17.8	24	-5.3	11	-	-	64	134	8	19	18	14	4	0	1	1	0	2	5	10	7	0	-	-	-
BERKSHIRE																															
ERSTHAMPSTEAD	9 9	77	10.1	2.8	6.5	-	17.7	24	-4.0	16	7.6	7.7	48	-	9	13	16	11	5	0	1	0	1	0	6	11	8	0	3.86	-	-
HURLEY	9 9	43	10.5	2.7	6.6	-	18.0	24	-4.0	13	7.2	-	52	116	10	13	15	11	1	0	0	0	0	0	6	13	-	0	3.62	-	-
LAMBOURN(WARREN FARM)	9 9	192	9.2	2.3	5.7	-	16.7	24	-4.2	11	6.8	-	50	-	7	19	16	13	-	0	-	-	-	2	6	-	-	-	-	-	-
READING	9 9	66	(10.3)	(3.3)	(6.8)	-	17.5	24	-1.9	13	(7.4)	(7.4)	45	-	7	25	16	13	2	0	0	0	0	1	(5)	(13)	-	0	(3.81)	-	-
SHINFIELD(N.I.R.D.) ...	9 9	62	10.4	3.3	6.9	-	17.6	24	-2.1	16	-	-	49	-	9	25	15	12	3	0	0	0	0	2	5	13	-	0	3.85	-	-
SURREY																															
WISLEY	9 9	32	10.8	3.2	7.0	-2.1	18.8	24	-3.0	11	7.9	8.0	48	115	9	13	16	11	2	1	0	1	1	5	6	11	-	0	3.87	74	-
KENT																															
DOVER R.M.S.	9 9	123	8.4	3.6	6.0	-	15.5	30	-1.0	11	-	-	81	170	15	13	21	14	3	1	0	0	1	3	3	-	-	0	-	-	-
DUNGENESS	9 9	6	9.4	4.7	7.1	-	15.4	30	-1.2	13	-	-	50	129	9	11	16	11	5	1	2	0	1	0	4	-	-	0	-	-	-
EAST MALLING	9 9	52	9.8	3.5	6.7	-2.0	16.4	30	-1.4	17	7.5	7.5	47	106	10	13	18	12	3	1	0	1	0	0	5	10	10	0	3.85	72	-
EDENBRIDGE	9 9	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELMSTONE	9 9	5	(10.0)	(2.4)	(6.2)	-	17.4	30	-3.4	17	-	-	61	165	15	13	16	12	3	1	0	1	1	0	-	-	-	0	-	-	-
FAVERSHAM	9 9	48	9.6	3.2	6.4	-	16.3	30	-1.0	11	6.8	7.2	50	125	8	13	17	12	2	1	0	0	1	1	4	(13)	-	0	3.43	-	-
FOLKESTONE	9 9	31	9.5	3.7	6.6	-	16.8	24	-3.1	17	-	7.7	78	191	23	13	16	12	4	1	0	0	0	0	5	9	-	1	4.47	74	-
GILLINGHAM	9 9	3	9.7	3.6	6.7	-	16.8	30	-1.7	17	-	-	51	124	7	29	18	14	-	-	-	-	-	-	3	-	-	-	-	-	-
GOODHURST	9 9	85	9.3	2.8	6.1	-2.2	18.1	24	-2.5	13	-	-	56	109	9	29	19	14	4	1	1	0	0	1	8	(13)	-	0	-	-	-
HADLOW COLLEGE	9 9	27	10.3	3.2	6.7	-	16.7	24	-2.0	13	7.7	7.8	49	-	8	13	18	11	1	1	1	0	0	3	6	13	-	0	3.39	-	-
HERNE BAY	9 9	31	9.2	3.4	6.3	-	17.0	30	-1.0	12.13	7.6	-	55	-	15	13	17	11	1	0	0	0	0	2	2	10	-	0	3.95	71	-
HERNSTON	21-9	44	9.3	3.8	6.5	-	16.1	30	-1.7	12	-	-	69	202	21	13	16	12	4	1	0	2	1	2	3	9	5	0	4.33	-	-
MARGATE	9 9	16	8.8	4.7	6.7	-2.3	14.9	30	0.6	11	7.8	7.8	66	200	21	13	16	12	2	0	0	0	1	3	0	4	-	0	3.60	59	-
ULCOMBE	21-9	47	10.1	2.9	6.5	-	17.6	24	-2.7	13	-	-	57	-	13	13	18	15	4	1	0	0	0	0	6	14	9	0	3.92	-	-
WYE	9 9	56	9.6	3.0	6.3	-2.3	16.7	24	-1.9	17	7.4	7.4	55	125	13	13	15	10	2	1	0	0	0	2	6	14	-	0	3.79	68	-
HAMPSHIRE																															
ALICE HOLT LODGE ...	9 9	115	9.9	2.7	6.3	-2.1	18.3	24	-2.8	11.13	-	-	37	93	9	13	15	12	3	0	0	0	0	0	7	12	-	0	3.50	-	S
EVERTON	9 9	16	10.4	3.8	7.1	-	16.8	24	-4.0	11	-	-	64	136	11	25	17	14	1	0	1	0	0	0	4	11	-	0	4.78	-	-
HAYLING ISLAND	9 9	4	10.4	4.5	7.5	-	15.8	24	-2.0	11	-	-	78	199	13	25	18	15	0	0	1	0	1	0	1	-	-	0	4.80	-	-
LECKFORD	9 9	117	9.9	2.5	6.2	-2.3	18.5	24	-5.0	11	6.7	-	57	110	8	30	16	14	1	0	0	0	0	1	5	-	-	0	3.94	73	-
LONG SUTTON	9 9	145	9.5	2.7	6.1	-	17.6	24	-3.6	11	7.3	7.3	54	111	10	30	15	12	2	0	1	0	0	1	4	12	6	0	3.70	68	-
MARTYR WORTHY	9 9	84	10.2	1.7	5.9	-	18.9	24	-4.3	11	-	-	45	90	7	13	16	14	1	0	0	0	0	1	8	16	-	0	4.26	-	-
SOUTHAMPTON																															
MAYFLOWER PARK ...	9 9	3	11.1	4.1	7.6	-2.1	18.1	24	-2.5	11	9.1	9.9	65	-	14	25	18	11	2	0	0	2	0	0	3	11	-	0	4.31	75	-
WEATHER CENTRE (X)	21-9	19	11.0	4.6	7.8	-	18.6	24	-2.1	11	-	-	62	-	13	25	18	10	2	0	0	2	0	0	2	-	5	0	-	-	-
SOUTHSEA	9 9	2	10.7	4.6	7.7	-1.8	16.3	24	-2.0	11	8.8	8.7	67	167	15	25	17	14	1	0	1	1	0	0	1	8	-	0	4.48	74	-
SPARSHOLT	9 9	113	(10.0)	(2.8)	(6.4)	-	18.4	24	-4.8	11	-	-	56	-	9	13	15	12	0	0	1	0	0	1	3	8	-	0	4.16	-	-
ISLE OF WIGHT																															
RYDE	9 9	4	10.3	4.7	7.5	-2.0	13.9	24.30	-0.7	11	-	-	68	152	14	25	17	13	2	0	1	0	0	0	1	-	-	0	4.40	72	-
ST CATHERINES POINT ...	9 9	16	9.6	4.2	6.9	-1.7	13.5	24	-2.1	11	-	-	67	146	8	25	15	14	2	0	1	0	0	0	1	-	-	0	-	-	-
SANDOWN	9 9	4	10.2	4.0	7.1	-2.2	12.7	24	-2.5	11	-	-	63	140	13	25	16	15	1	0	0	0	0	0	3	-	-	0	4.96	78	-
SHANKLIN	9 9	55	9.8	3.6	6.7	-1.8	13.5	30	-3.5	11	-	-	79	146	12	25	17	15	1	0	0	0	0	5	3	-	-	0	5.12	77	-
VENTNOR	9 9	135	10.0	4.0	7.0	-1.9	13.9	24	-3.3	11	8.6	8.4	75	153	9	2.25	16	14	2	0	0	1	0	0	1	8	-	0	5.31	83	-
WEST SUSSEX																															
BOGNOR REGIS	9 9	7	10.1	4.5	7.3	-1.4	14.4	23	-0.2	11	-	8.6	60	135	12	11	15	9	0	0	0	0	0	0	1	6	-	0	4.82	79	-
FERNHURST	9 9	57	10.4	3.1	6.7	-1.8	19.1	24	-3.7	13	7.3	-	70	127	14	13	16	12	-	-	-	-	-	-	6	13	-	-	3.99	70	-
GATWICK AIRPORT ...	21-9	59	10.0	3.0	6.5	-	17.3	24	-3.4	16	-	-	61	120	12	13	17	13	4	1	0	1	1	0	7	13	7	0	3.91	-	-
HURSTPIERPOINT	9 9	29	10.4	3.0	6.7	-	18.1	24	-2.5	11.12.16	-	-	53	-	8	29	15	14	-	1	-	-	-	-	6	-	-	-	-	-	S
LITTLEHAMPTON	9 9	5	10.4	4.1	7.3	-1.6	16.0	24	-1.8	11	-	8.3	61	139	11	11	18	10	0	0	0	0	0	0	3	-	-	0	4.89	80	-
ROGATE	9 9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WORTHING	9 9	2	10.4	3.9	7.1	-	15.4	23.24	-2.6	13	9.0	-	55	-	11	11	13	9	1	0	0	0	1	0	3	7	-	0	4.75	-	-
EAST SUSSEX																															
BEXHILL	9 9	4	10.1	4.6	7.3	-1.4	16.7	24	-1.2	13	8.7	8.6	45	104	8	29	18	10	2	0	1	0	0	0	2	8	-	0	4.75	81	-
BRIGHTON	9 9	10	10.5	4.2	7.3	-1.8	18.9	24	-1.9	11	-	9.0	51	120	9	11	14	11	3	1	0	0	0	3	6	-	1	4.61	77	-
EASTBOURNE	9 9	7	10.0	4.7	7.3	-1.5	13.8	23	-0.9	11	8.7	8.8	52	112	12	13	17	10	1	1	0	0	0	0	1	7	-	0	5.18	82	-
EAST HOATHLY	9 9	38	10.4	3.1	6.7	-	19.0	24	-2.7	13	-	-	57	126	10	13	14	12	3	1	0	0	0	0	8	12	7	0	4.16	-	-
HASTINGS	9 9	45	10.0	4.3	7.1	-1.7	18.4	24	-1.5	11	8.8	8.7	55	126	12	29	17	14	3	1	0	1	0	0	1	-	-	0	4.53	77	-
HERSTMONCEUX	21-9	18	10.2	3.7	6.9	-	18.2	24	-1.6	11	-	-	58	-	12	25	17	13	4	0	1	0	0	0	3	11	8	0	4.46	-	-
PLUMPTON	9 9	76	9.8	3.4	6.6	-	18.0	24	-2.4	11	-	-	65	108	11	11	16	13	-	0	-	-	-	4	5	3	-	-	4.34	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	Terminal hour (GMT) of observation Max. Min.	Height of station above MSL (metres)	Air temp. Means of Max. (A)	Means of Min. (B)	Daily mean (mean of A+B)	Difference from 1941-70 average	Highest maximum Max.	Date	Lowest minimum Min.	Date	Mean earth temp. 30 cm degrees C	100 cm degrees C	Rainfall Total fall (mm)	Percentage of 1941-70 average	Most in a day Amount (mm)	Date	Precipitation 0.2 mm or more	1.0 mm or more	Snow or sleet	Snow lying at 9H	Hail	Ice pellets, etc.	Thunder heard	Fog at 9H	Air frost	Grass min. below 0 deg C	Concrete min. below 0 deg C	Gale	Bright sunshine Daily mean (hours)	Percentage of 1941-70 average	Exposure
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE	21-9	26	10.3	3.0	6.7	-	16.5	23	-4.4	11	8.0	7.5	18	34	5	1	8	5	6	0	0	0	0	0	6	16	7	0	4.40	-	-
CARTMEL	9 9	35	10.1	2.3	6.2	-	15.4	24	-5.7	11	-	-	33	-	9	11	12	8	1	1	0	0	0	0	8	-	-	0	-	-	-
GRIZEDALE	9 9	91	10.3	1.2	5.7	-	15.2	24	-6.0	11	6.1	-	35	30	9	11	12	8	3	2	0	1	0	0	11	24	-	0	-	-	-
MOOR HOUSE	9 9	556	5.2	-0.9	2.1	-	11.0	23	-10.2	11	3.3	-	52	38	9	1	16	9	9	6	2	1	0	2	15	20	-	0	3.06	-	-
NEWTON RIGG	9 9	171	9.4	2.0	5.7	-1.4	14.8	23	-5.2	11	6.8	-	25	44	7	1	7	6	3	3	1	0	0	0	9	14	-	0	3.59	76	S
SELLAFIELD	9 9	13	11.0	3.2	7.1	-	16.2	24	-6.0	14	-	-	23	35	9	11	9	6	-	2	-	-	-	2	4	(17)	-	-	(4.88)	-	-
LANCASHIRE																															
HAZELRIGG	9 9	95	9.8	3.0	6.4	-	14.8	23	-3.6	11	-	-	19	-	3	11.19	9	7	4	2	0	1	0	0	4	14	-	0	4.63	-	-
HELMSHORE	9 9	260	8.2	2.1	5.1	-	12.9	23	-4.5	11	6.3	-	41	44	8	19	14	9	3	2	0	0	0	2	6	12	-	0	3.57	-	-
KIRKHAM	9 9	24	10.0	2.8	6.4	-	16.1	23	-5.4	11	-	-	25	44	6	20	11	7	2	1	0	1	0	1	4	17	-	0	4.04	-	-
MORECAMBE	9 9	7	10.9	4.2	7.5	-0.8	16.0	24	-2.2	11	-	-	20	32	5	11	10	6	1	1	0	0	0	0	3	-	-	0	4.47	85	-
PRESTON	9 9	33	10.3	3.3	6.8	-	15.4	23	-4.5	11	-	-	23	36	5	19	9	8	2	1	0	2	0	1	4	13	-	0	-	-	-
SLAIDBURN	9 9	192	8.8	1.8	5.3	-	12.8	23	-4.3	11	-	-	41	42	10	19	13	10	5	3	0	0	0	0	7	15	-	0	3.79	-	-
SQUIRES GATE AIRPORT	21-9	10	10.6	2.9	6.7	-1.3	16.8	23	-4.0	11	-	-	25	46	7	11	13	8	4	1	0	1	0	1	3	15	7	0	4.52	78	-
STONYHURST	9 9	115	-	-	-	-	-	-	-	-	-	-	81	106	62	9	7	7	-	2	-	-	-	0	-	-	-	-	-	-	-
MERSEYSIDE																															
AIGBURTH	9 9	12	10.4	4.0	7.2	-	16.3	24	-2.4	11	-	-	29	-	6	11	12	10	1	1	1	1	0	1	2	11	8	0	3.61	-	-
BIDSTON	9 9	60	9.5	4.1	6.8	-	15.5	24	-2.5	10	-	-	39	-	11	1	12	10	1	2	0	2	1	0	2	8	-	0	4.07	-	-
ST HELENS	9 9	76	10.3	3.1	6.7	-	15.2	24	-4.3	11	7.5	-	35	-	7	1.11	14	10	2	-	1	0	0	-	4	-	-	0	3.74	-	-
SOUTHPORT	9 9	5	10.0	2.8	6.4	-1.8	15.4	23	-2.8	11	7.5	8.0	33	65	10	20	11	9	-	-	-	-	-	-	5	13	-	-	4.13	74	-
WEST KIRBY PARK	9 9	7	(11.0)	(3.6)	(7.3)	(-1.4)	16.3	24	-3.5	11	-	-	(32)	(67)	6	11	(15)	(11)	0	0	0	0	0	-	(5)	(10)	-	0	-	-	-
GREATER MANCHESTER																															
BOLTON	9 9	107	9.6	3.0	6.3	-	15.0	23	-3.7	11	6.6	6.3	35	-	10	19	11	8	2	3	0	0	0	1	5	13	-	0	-	-	-
MANCHESTER																															
RINGWAY AIRPORT	21-9	75	10.1	3.7	6.9	-1.4	15.7	24	-3.7	11	-	-	29	54	6	11	14	10	5	1	0	0	0	1	5	11	7	0	3.86	81	-
WEATHER CENTRE (X)	21-9	69	10.5	4.7	7.6	-	16.0	23	-2.4	11	-	-	25	-	6	13.19	11	8	5	0	1	0	0	0	3	-	-	0	3.90	-	-
CHESHIRE																															
KNUTSFORD	9 9	65	10.6	2.8	6.7	-	16.3	24	-4.2	11	7.1	6.7	32	57	7	11	10	10	3	2	0	0	0	0	6	13	-	0	-	-	-
MACCLESFIELD	9 9	152	(9.5)	(2.9)	(6.2)	(-1.7)	14.5	24	-5.8	11	-	-	28	47	8	11	11	9	5	1	0	0	0	2	(6)	-	-	0	-	-	-
NESS GARDENS	9 9	30	10.4	3.0	6.7	-	17.6	24	-3.4	11	7.5	-	39	86	11	1	14	10	1	1	0	1	0	1	5	18	-	0	3.67	-	S
ISLE OF MAN																															
DOUGLAS	9 9	85	9.2	3.8	6.5	-1.2	13.5	24	-1.9	11	-	-	28	40	7	1	12	10	2	0	0	0	0	0	2	12	-	0	5.67	98	-
POINT OF AYRE	21-9	9	9.4	3.9	6.7	-1.7	12.7	23	-1.0	10	-	-	23	48	5	1	14	9	1	0	0	0	0	0	3	-	-	2	5.56	94	-
RONALDSWAY AIRPORT	21-9	16	9.7	3.4	6.5	-1.3	14.7	24	-3.3	11	-	-	30	57	6	13	14	9	3	0	1	3	0	0	3	15	7	0	6.13	108	-
7B WALES N																															
GWYNEDD																															
BALA	9 9	163	9.2	1.5	5.3	-	15.4	24	-8.0	11	6.9	6.9	49	59	9	17	15	12	3	2	0	1	0	0	11	16	11	0	3.33	-	-
BARDSEY ISLAND	21-9	15	9.3	4.9	7.1	-	14.4	24	-1.7	10	-	-	54	105	15	1	15	12	1	0	0	1	0	0	1	4	2	4	-	-	-
BETWS-Y-COED	9 9	20	11.0	2.1	6.5	-	18.2	24	-4.9	11	7.5	-	43	-	7	20	14	12	0	1	0	1	0	1	9	14	-	0	-	-	-
BOTWNNOG	9 9	34	10.0	3.3	6.7	-	17.1	24	-0.5	10	7.8	8.6	48	75	9	20	16	11	2	0	0	0	0	0	3	10	-	0	5.23	-	-
CWMYSTRADLLYN	9 9	204	9.0	2.9	5.9	-	15.5	24	-4.5	11	-	-	78	-	15	20	13	12	-	-	-	-	-	-	3	-	-	-	4.76	-	-
LLYN ALAW	9 9	44	9.9	3.4	6.7	-	16.0	23	-3.0	10	-	-	48	-	9	20	14	11	-	-	-	-	-	-	2	-	-	-	5.43	-	-
PEN-Y-FFRIDD	9 9	84	10.3	3.4	6.9	-	16.0	23	-2.5	10	-	-	43	63	11	20	15	10	2	2	0	0	0	0	3	21	-	0	5.07	-	-
TRAWSFYNYDD	9 9	193	9.6	2.5	6.1	-	16.3	24	-5.0	11	-	-	73	67	19	20	13	13	-	2	-	-	-	0	6	11	11	-	-	-	-
VALLEY	21-9	10	10.5	4.0	7.3	-1.2	16.6	23.24	-1.4	10	-	-	37	71	7	20	12	11	2	1	0	3	0	0	3	12	7	0	5.97	101	-
CLWYD																															
ALWEN	9 9	335	8.2	0.1	4.1	-	14.7	24	-9.5	11	-	-	62	75	9	11	18	14	-	-	-	-	-	-	14	(16)	-	-	-	-	-
BWLCHGWYN	9 9	386	7.3	0.7	4.0	-	14.0	24	-6.0	10	4.9	-	66	89	8	11	17	14	5	2	0	0	0	2	8	14	-	0	-	-	-
COLWYN BAY	9 9	18	9.6	3.8	6.7	-	15.8	23	-1.3	10.11	7.9	-	27	58	5	1	14	9	1	0	0	0	0	0	2	-	-	0	4.29	77	-
CORWEN	9 9	144	9.4	1.3	5.3	-	15.2	24	-11.2	11	-	-	63	94	13	1	10	12	2	2	0	1	0	-	12	14	-	0	-	-	-
HAWARDEN BRIDGE	9 9	5	10.8	3.2	7.0	-1.9	17.3	24	-2.8	11	-	-	42	96	14	1	15	9	2	2	0	3	0	1	5	-	-	0	-	-	-
LOGGERHEADS	9 9	210	8.9	1.0	4.9	-	14.5	24	-11.0	11	6.4	6.5	50	87	9	11	16	14	2	2	1	0	0	2	11	15	-	0	3.51	-	S
PRESTATYN	9 9	4	10.3	4.1	7.2	-1.5	16.8	24	-2.1	11	-	-	38	93	9	11	15	10	1	1	1	0	0	0	3	-	-	0	4.38	86	-
RUTHIN	9 9	76	9.9	2.3	6.1	-	16.4	24	-8.4	11	-	-	34	68	5	1	17	12	2	2	0	1	0	0	7	-	-	0	3.58	-	-
POWYS(NORTH)																															
HOPE	9 9	91	9.9	2.6	6.3	-	14.5	23	-5.8	11	8.0	-	54	-	13	1	14	11	3	1	0	1	0	0	7	(12)	-	0	-	-	-
LAKE VYRNWY	9 9	303	7.5	1.2	4.3	-2.4	12.5	23	-6.0	11	5.2	-	86	80	17	20	15	12	6	2	0	0	0	4	9	14	-	0	-	-	-
LLANFAIR CAEREINION	9 9	236	9.0	2.2	5.6	-	14.0	23	-4.6	11	6.3	-	55	-	12	1	12	11	4	0	0	0	0	1	6	15	-	0	-	-	-
MOEL CYNNEDD	9 9	358	7.7	0.0	3.9	-	13.1	24	-6.6	11	5.4	-	129	-	58	20	17	12	4	0	0	1	0	2	16	(20)	-	0	-	-	-
8A WALES S																															
DYFED																															
ABERPORTH	21-9	134	9.4	3.8	6.6	-1.6	17.7	24	-1.8	10	-	-	32	55	17	20	13	7	2	0	3	0	0	1	2	10	6	1	5.47	96	-
ABERYSTWYTH	9 9	4	-	-	-	-	-	-	-	-	-	-	38	60	12	20	15	9	2	0	0	0	0	1	-	-	-	0	-	-	-
BRAWDY	21-9	111	9.6	3.0	6.3	-	17.5	24	-1.3	7	-	-	54	-	12	20	14	10	2	1	0	1	0	1	5	15	9	0	6.01	-	-
BRYNAMMAN	21-9	183	9.7	2.9	6.3	-	16.6	24	-4.4	11	-	-	78	-	24	20	13	12	2	0	1	0	0	1	5	11	-	0	-	-	-
CARMARTHEN	9 9	15	11.6	2.6	7.1	-	18.5	24	-7.0	11	7.8	7.7	66	84	23	20	15	12	2	0	0	2	0	0	5	-	-	1	5.10	-	-
CWMYSTWYTH	9 9	301	8.3	1.2	4.7	-	14.4	24	-6.6	11	-	-	100	87	34	20	14	12	1	0	0	0	0	0	11	15	-	0	3.24	-	S
DALE FORT	9 9	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOGERDDAN	9 9	31	10.5	3.3	6.9	-	16.9	24	-5.1	11	-	-	33	52	12	20	12	9	2	0	0	0	0	0	5	13	-	0	4.94	-	-
MILFORD HAVEN (CONSERVANCY BOARD)	21-9	37	10.4	4.4	7.4	-	16.0	24	-1.7	11	-	-	48	85	10	19	12	8	2	0	0	0	0	0	2	9	2	0	-	-	-
ORIELTON	9 9	61	10.6	3.6	7.1	-	16.9	24	-2.1	11	8.7	-	50	80	10	19	12	9	2	1	0	2	0	1	2	12	-	0	-	-	-
SKOKHOLM ISLAND	9 9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENBY	9 9	5	10.4	3.4	6.9	-	14.6	23	-1.0	17.28	-	-	47	-	9	20	12	12	1	1	0	0	0	2	3	-	-	0	6.19	-	-
TRAWSCOED	9 9	61	10.3	2.6	6.5	-	17.0	24	-6.2	11	7.9	-	56	74	25	20	12	8	3	0	0	0	0	2	8	16	-	0	4.83	96	-
TREGARON	9 9	170	9.8	2.2	6.0	-	16.4	24	-7.1	11	-	-	69	-	31	20	13	9	2	0	0	0	0	1	9	12	-	0	4.23	-	S
WHITECHURCH	9 9	130	9.9	2.3	6.1	-	17.9	24	-2.3	11	-	-	66	-	28	20	15	10	2	0	0	2	0	1	6	18	-	1	-	-	-
POWYS(SOUTH)																															
CENARTH	21-9	308	8.0	1.6	4.8	-	13.9	24	-5.4	11	-	-	73	-	23	20	15	10	2	0	0	0	0	4	8	18	-	0	-	-	-
LLANGENNY	9 9	122	9.7	2.5	6.1	-	15.7	23	-3.5	11	-	-	60	-	18	25	14	9	2	0	0	1	0	-	6	-	-	0	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	MIN. TERMINAL HEIGHT OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM (1941-70 AVERAGE)	HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	MEAN EARTH TEMPERATURE: 50 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF (1941-70 AVERAGE)	MOST IN A DAY: AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF (1941-70 AVERAGE)	EXPOSURE
8A WALES S CONTINUED																																
WEST GLAMORGAN																																
MUMBLES HEAD	21-9		36	10.1	4.8	7.5	-	15.0	24	-2.1	11	-	-	-	-	-	-	-	-	2	0	0	1	0	1	2	2	2	7	-	-	-
NEATH	9	9	62	10.6	3.9	7.3	-	17.5	24	-2.0	11	-	-	68	87	18	20	12	11	2	0	0	0	0	0	2	10	-	0	-	-	-
PENMAEN	9	9	87	10.7	3.8	7.3	-	17.5	24	-2.8	11	8.4	8.3	60	81	13	17	15	9	3	0	0	2	0	1	3	12	11	0	4.91	-	-
PORT TALBOT	9	9	5	11.6	4.2	7.9	-	18.4	24	-3.2	11	-	-	56	82	15	17	13	10	2	0	1	0	0	0	2	9	9	0	5.00	-	S
SWANSEA	9	9	10	10.8	4.4	7.6	-1.9	18.5	24	-2.0	11	8.8	9.2	58	83	15	20	16	12	0	0	0	0	0	0	1	6	-	0	4.00	71	S
WHITEFORD BURROWS ...	9	9	5	11.1	(3.9)	(7.5)	-	17.7	24	-2.1	11	-	-	54	-	11	17.19	18	10	2	0	0	0	0	1	6	15	-	0	-	-	-
MID GLAMORGAN																																
ABERDARE FILTER STATION	9	9	174	9.0	2.5	5.7	-	15.4	24	-4.0	11	-	-	96	-	30	20	16	12	-	-	-	-	-	-	6	-	-	-	2.95	-	-
CILFYNYDD	21-9		194	(9.5)	(3.0)	(6.3)	-	16.2	24	-4.0	11	-	-	83	-	16	19	14	11	1	0	0	0	0	2	5	11	6	0	-	-	-
LLWYNON	9	9	241	8.5	1.7	5.1	-	14.6	24	-4.4	11	-	-	97	91	29	20	16	14	3	0	0	0	0	6	8	-	-	0	3.78	-	S
PORTHCAWL	9	9	6	11.0	4.1	7.5	-	18.3	24	-2.0	11	-	-	72	(116)	15	30	12	12	0	-	0	0	0	0	2	-	-	0	(5.36)	-	-
SOUTH GLAMORGAN																																
BRIDGEND	9	9	40	10.5	3.5	7.0	-	17.5	24	-3.8	11	8.4	8.1	70	-	15	20	16	13	1	0	0	1	0	1	7	13	-	0	-	-	-
CARDIFF (BUTE PARK) ...	9	9	9	11.0	3.6	7.3	-	17.8	24	-3.4	11	-	8.7	64	-	15	19	17	11	0	0	0	0	0	0	4	16	-	0	3.88	-	S
RHOOSE AIRPORT	21-9		67	10.1	3.5	6.8	-	17.0	24	-4.2	11	-	-	59	-	14	19	16	12	3	0	0	0	0	0	4	10	8	0	4.71	-	-
GWENT																																
CRUMBLAND	9	9	245	9.4	2.4	5.9	-	15.4	24	-4.5	11	6.5	6.6	57	84	13	17	15	9	0	0	0	0	0	9	5	15	-	0	4.18	-	-
USK	9	9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8B ENGLAND SW																																
AVON																																
BATH	9	9	118	-	-	-	-	-	-	-	-	(8.1)	-	46	94	9	25	13	9	-	0	-	-	-	2	-	-	-	-	-	-	-
FILTON	21-9		59	10.2	3.3	6.7	-2.2	17.1	24	-4.0	11	-	-	43	89	9	19	15	13	2	0	0	0	0	0	4	11	10	0	4.05	79	-
LONG ASHTON	9	9	51	10.5	3.2	6.9	-2.0	17.5	24	-4.7	11	7.8	-	44	81	8	19	16	15	1	0	0	1	0	0	6	11	-	0	4.10	76	-
SOMERSET																																
CANNINGTON	9	9	28	10.9	3.7	7.3	-1.9	17.0	24	-2.5	11	8.8	-	61	124	14	29	14	12	0	0	0	0	0	0	3	-	-	0	3.92	69	S
CREWKERNE	9	9	101	9.6	3.1	6.3	-	17.5	24	-3.7	11	7.5	-	61	-	9	29	15	14	1	0	0	0	0	-	3	-	-	0	-	-	-
DOWNSIDE ABBEY	9	9	183	9.4	2.7	6.1	-	17.6	24	-4.5	11	-	-	64	94	12	19	16	13	1	0	0	0	0	3	6	-	-	0	-	-	-
EXTON	21-9		329	8.3	2.2	5.3	-	16.7	24	-4.1	11	-	-	62	-	11	25	19	15	4	1	2	1	0	5	6	13	9	0	-	-	-
HAWKRIDGE	9	9	314	8.1	2.2	5.1	-	15.7	24	-3.6	11	-	-	64	67	12	19	19	18	0	0	0	1	0	5	6	18	-	0	3.80	-	-
NETTLECOMBE	9	9	96	9.9	3.2	6.5	-	19.3	24	-3.5	11	8.5	-	49	-	9	19	15	11	1	0	0	0	0	1	3	-	-	0	-	-	-
NETTLECOMBE(BIRDS HILL)	9	9	280	8.0	2.7	5.3	-	17.1	24	-3.1	11	-	-	50	-	10	19	16	11	3	0	0	0	0	6	3	(11)	-	0	-	-	-
RODNEY STOKE	9	9	40	(10.5)	(3.7)	(7.1)	-	18.7	24	-3.8	11	8.0	7.9	48	85	11	19	18	10	1	0	0	0	0	0	(3)	(10)	-	2	-	-	-
WINCANTON	9	9	113	(10.2)	(2.7)	(6.5)	-	(18.0)	24	-4.7	11	-	-	52	91	8	19	18	17	1	0	0	0	0	1	7	9	-	0	4.34	-	-
YEOVILTON	21-9		18	10.9	3.4	7.1	-	19.0	24	-5.6	11	-	-	39	82	5	2	17	11	1	0	0	0	0	0	6	8	9	0	-	-	-
DORSET																																
BOURNEMOUTH																																
HURN AIRPORT	21-9		10	10.6	3.2	6.9	-	18.1	24	-5.4	11	-	-	58	119	8	17	20	15	1	0	0	1	0	0	8	10	7	0	4.49	-	-
MEYRICK PARK	9	9	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHRISTCHURCH	9	9	3	10.7	3.9	7.3	-	17.0	24	-3.5	11	-	-	62	132	7	17	17	15	1	0	0	0	0	0	5	9	-	0	-	-	-
POOLE	9	9	5	10.6	3.7	7.1	-2.2	18.0	24	-2.8	11	8.2	8.5	48	102	7	29	17	14	1	0	0	0	0	1	4	9	-	0	4.40	73	-
PORTLAND BILL																																
(COASTGUARD)	21-9		53	9.7	4.6	7.1	-1.6	12.5	30	-1.6	11	-	-	63	-	11	17	16	10	1	0	1	0	0	1	1	-	-	0	5.55	-	-
SWANAGE	9	9	11	9.9	4.5	7.2	-1.7	12.5	22	-2.6	11	-	8.7	62	126	9	29	17	13	1	0	1	0	0	0	1	7	-	0	5.09	80	-
WEYMOUTH	9	9	23	10.9	3.0	6.9	-	16.0	24	-4.5	11	-	-	63	-	15	17	16	15	1	0	0	0	0	0	6	-	-	0	5.11	80	-
WINFRITH	9	9	26	10.7	(3.7)	(7.2)	-	16.8	24	-3.5	11	-	-	58	116	11	17	17	12	1	0	0	0	0	0	4	(13)	-	0	-	-	-
DEVON																																
CHAWLEIGH	9	9	168	9.6	2.9	6.3	-	17.2	24	-4.6	11	7.6	-	50	-	12	18	15	12	2	0	1	1	0	0	5	12	-	0	4.50	-	-
EXETER AIRPORT	21-9		32	10.7	3.8	7.3	-1.7	17.6	24	-3.9	11	-	-	55	117	10	29	16	13	2	0	0	1	0	0	6	13	6	0	4.77	85	-
EXMOUTH	9	9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARTLAND POINT	21-9		93	9.2	5.0	7.1	-1.4	17.7	24	-0.2	11	-	-	29	58	5	11	11	7	1	0	0	2	0	1	1	1	1	3	5.26	85	-
ILFRACOMBE	9	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKEHAMPTON	9	9	372	7.7	1.9	4.8	-	15.0	24	-3.3	11	-	-	70	-	16	29	18	13	3	1	0	1	0	7	8	13	-	0	-	-	-
PLYMOUTH																																
MOUNT BATTEN	21-9		27	10.5	4.7	7.6	-1.6	15.5	24	-2.4	11	-	-	43	75	13	19	14	10	2	0	0	2	0	0	2	12	4	0	5.36	88	-
THE HOE	9	9	36	10.4	4.6	7.5	-2.1	15.6	24	-2.1	11	8.8	8.4	38	68	11	19	11	8	1	0	0	1	0	-	1	14	-	0	5.35	88	-
PRAWLE POINT	21-9		59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	1	0	0	-	-	-	7	5.80	-	-
PRINCETOWN	9	9	414	7.6	1.4	4.5	-	13.1	24	-4.5	11	-	-	89	-	21	29	17	14	3	0	0	0	0	9	10	17	-	0	-	-	-
SIDMOUTH	9	9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLAPTON	9	9	32	10.7	4.5	7.6	-	14.4	22	-2.5	11	-	-	53	84	11	29	12	10	2	0	0	0	0	1	1	13	-	0	-	-	-
STARCROSS	9	9	9	10.5	4.0	7.3	-1.7	15.9	24	-3.1	11	8.7	-	54	110	11	17	15	10	1	0	1	1	0	4	5	9	-	0	5.24	87	-
TEIGNMOUTH	9	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TORBAY(TORQUAY) ...	9	9	8	10.5	4.8	7.7	-1.8	13.8	20	-1.3	11	-	8.9	57	109	14	29	15	11	1	0	0	1	0	0	1	4	-	0	6.05	96	-
CORNWALL																																
BASTREET	9	9	236	8.9	2.2	5.5	-	16.4	24	-4.2	16	-	-	66	68	15	19	15	10	2	1	0	0	0	1	8	13	-	0	4.71	-	-
BUDE	9	9	15	10.7	4.4	7.5	-1.5	18.2	24	-1.0	16	8.8	-	25	52	5	19	14	9	1	0	1	0	0	0	2	-	-	0	5.00	82	-
CULDROSE	9	9	81	10.0	3.9	6.9	-	13.5	23	-1.8	11	-	-	63	116	12	2	14	9	2	1	0	2	0	0	4	12	9	0	5.44	-	-
FALMOUTH	9	9	51	10.2	4.1	7.1	-2.3	12.4	23	-1.0	11	-	-	54	86	10	2	15	10	2	1	1	0	0	0	1	9	-	0	5.56	90	-
FOWEY	9	9	75	10.1	4.0	7.1	-2.4	13.8	24	-1.9	11	-	-	50	-	10	24	13	8	2	1	0	1	0	0	2	-	-	1	-	-	-
GULVAL	9	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GWENNAP HEAD	21-9		66	9.5	5.2	7.3	-	12.4	23	0.0	11	-	-	23	-	5	19	14	9	2	0	1	1	0	1	0	4	0	3	-	-	-
LIZARD	9	9	73	9.8	4.8	7.3	-1.9	12.0	30	-1.0	11	-	-	35	70	7	19	12	8	2	1	0	0	0	0	1	-	-	4	5.58	88	-
NEWQUAY	9	9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENZANCE	9	9	19	10.9	5.0	7.9	-1.9	13.9	23	0.0	11	-	-	47	78	12	17	15	10	1	0	1	0	0	0	0	-	-	0	(6.05)	(95)	-
ROSEWARNE	9	9	76	9.8	4.0	6.9	-	14.1	23	-1.1	7	8.9	8.8	51	87	13	17	13	10	2	0	0	0	0	0	2	16	-	0	5.18	-	-
ST AUSTELL(BETHEL) ...	9	9	55	10.2	4.2	7.2	-	14.9	24	-1.5	11	-	-	63	-	15	17	13	10	2	0	0	1	0	1	1	7	-	0	5.04	-	-
ST JOHNS	9	9	128	(9.8)	(3.3)	(6.5)	-	16.7	24	-1.4	11	-	-	39	57	11	17	13	10	-	-	-	-	-	-	4	-	-	-	-	-	-
ST MAWGAN	21-9		103	10.2	4.1	7.1	-	15.8	24	-2.0	11	-	-	53	93	12	24	12	10	2	1	0	3	0	0	2	13	5	0	5.68	-	-
SCILLY(ST MARYS) ...	21-9		51	10.6	6.3	8.5	-1.4	13.3	23	0.8	11	-	-	29	61	9	17	12	9	1	0	2	0	0	0	0	0	0	0	6.07	96	-
CHANNEL ISLANDS																																
ALDERNEY	9	9	88	9.6	(5.1)	(7.3)	-	14.1	24	0.6	11	8.7	-	32	-	8	27	14	9	0	0	0	0	0	0	0	5	-	0	4.91	-	-
GUERNSEY																																
AIRPORT	21-9		104	9.5	5.4	7.5	-1.4	15.0	23	-1.1	11	8.1	8.3	58	111	22	27	15	10	3	0	0	2	0	2	1	4	2	0	5.33	78	-
L'ANCRESSE	9	9	5	11.0	5.8	8.4	-	16.5	23	-1.4	16	-	-	55	115	20	27	14	8	0	-	0	0	0	-	1	-	-	0	5.90	-	-
JERSEY																																
AIRPORT	9	9	83	10.1	5.1	7.6	-	17.5	23	-0.9	11	8.4	8.7	51	99	11	27	17	8	4	0	0	1	0	1	2	4	4	0	5.49	-	-
GOREY CASTLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.63	-	-
ST HELIER	9	9	54	11.1	5.7	8.4	-1.7	18.1	23	0.4	11	-	-	40	77	9	27	18	8	2	0	0	0	0	0	0	7	-	0	5.63	82	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HOUR OF OBSERVATION	MIN. TERMINAL HOUR OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	WEATHER (NUMBER OF DAYS): SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
NORTHERN IRELAND																																
LONDONDERRY																																
ROHANLOO	9	9	18	10.2	3.4	6.8	-	15.0	22.23	-1.7	10	-	-	16	-	3	12	12	8	5	1	1	0	0	0	3	11	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9	9	216	9.6	1.8	5.7	-	13.5	24	-5.0	10	-	-	51	-	15	26	14	10	0	0	0	0	0	0	7	19	-	3	3.93	-	-
CARMONEY	9	9	73	9.6	3.4	6.5	-	14.5	22.23	-2.0	10	-	-	19	-	3	11	12	8	1	1	1	0	0	1	3	16	-	-	4.23	-	-
COLERAINE UNIVERSITY ...	9	9	23	9.9	2.8	6.3	-	14.7	22	-3.1	7	7.4	6.9	30	-	12	26	14	8	3	1	1	0	0	0	5	13	-	0	3.75	71	-
COOLKEERAGH	9	9	3	9.8	3.9	6.9	-	15.6	22	-1.7	10	-	-	42	-	7	27	13	11	-	-	-	-	-	-	2	-	-	-	-	-	-
DERRYNOYO FOREST ...	9	9	88	10.7	2.2	6.5	-	14.9	21	-2.5	10	-	-	41	54	9	19	14	13	3	1	3	1	0	0	7	18	-	-	-	-	-
GARVAGH FOREST	9	9	88	10.1	2.0	6.1	-	14.3	22	-2.6	6	-	6.1	35	46	7	12	14	11	1	2	0	0	0	1	7	17	-	-	-	-	-
LOUGHERMORE FOREST ...	9	9	174	9.8	1.5	5.7	-	14.4	22	-3.9	7	-	-	23	31	4	11	13	10	9	2	4	3	0	0	9	16	-	2	-	-	-
MONEYDIG	9	9	34	10.1	2.3	6.2	-1.6	13.9	21.22	-2.9	7	7.5	-	27	43	5	13	14	10	4	2	2	0	0	0	6	16	9	0	-	-	-
TRAAD POINT	9	9	16	10.1	2.3	6.2	-	14.5	22	-4.0	10	-	-	20	-	4	17	12	8	1	-	0	0	0	-	5	-	-	-	-	-	-
ANTRIM																																
ALDERGROVE AIRPORT ...	21	9	68	10.1	2.7	6.4	-1.5	14.9	23	-3.9	10	7.7	7.3	24	42	6	25	14	9	6	0	2	2	0	0	4	12	8	0	4.31	84	-
ALTNAHINCH	9	9	213	8.2	1.6	4.9	-	13.7	22.23	-7.5	12	-	-	43	46	6	12	18	12	3	2	0	0	0	3	8	15	-	1	3.91	-	-
BALLYLUMFORD	9	9	24	9.7	3.8	6.7	-	13.8	23	-1.0	11	-	-	38	-	20	25	13	6	-	-	-	-	-	-	1	8	-	-	-	-	-
BALLYPATRICK FOREST ...	9	9	152	8.4	2.4	5.4	-	13.7	22	-2.8	10	-	-	37	47	5	12	17	12	1	-	0	0	0	1	6	13	-	0	4.12	-	-
CARNLOUGH	9	9	12	9.7	3.3	6.5	-	13.1	22.23	-1.9	8	-	-	32	-	7	12	18	10	2	-	0	0	0	1	4	-	-	-	-	-	-
DIVIS MOUNTAIN	9	9	363	-	0.3	-	-	-	-	-6.0	10	-	-	44	58	10	1	11	10	1	-	0	0	0	-	15	-	-	-	-	-	-
GREENMOUNT	9	9	38	10.2	2.9	6.5	-	14.4	23	-2.4	11	8.2	-	24	45	9	25	12	8	2	1	0	0	0	-	5	14	-	-	-	-	-
HYDE PARK (MALLUSKI) ...	9	9	140	9.2	2.5	5.9	-	13.6	23	-3.2	10	-	-	44	-	9	1	15	9	3	0	0	0	0	-	4	18	-	-	-	-	-
KILROOT POWER STATION	9	9	12	9.8	3.9	6.9	-	13.5	24	-1.0	10	-	-	31	-	6	13	12	9	1	0	0	0	0	-	2	12	-	-	-	-	-
LISNAFILLAN	9	9	38	10.0	2.1	6.1	-	14.2	22	-3.1	8	-	-	16	28	5	12	13	9	2	0	0	1	0	0	7	16	-	-	3.86	-	-
LONTOWN	9	9	271	7.6	1.8	4.7	-	11.5	22	-3.0	10	5.6	-	73	81	21	25	16	13	2	1	0	0	0	3	7	15	-	3	3.39	-	-
PARKMORE FOREST ...	9	9	235	7.7	1.3	4.5	-	12.9	22	-4.0	10	5.9	-	58	57	13	12	18	12	5	2	1	0	0	2	7	16	-	0	-	-	-
WOODBURN NORTH	9	9	217	8.4	2.1	5.3	-	12.0	21.22.24	-3.0	10	-	-	47	62	9	25	18	10	1	0	0	0	0	4	7	15	-	-	-	-	-
BELFAST																																
ANDERSONSTOWN	9	9	64	9.9	3.3	6.6	-	14.2	23	-1.5	10.11	-	-	35	-	9	1	14	10	4	0	0	0	0	1	2	15	-	-	-	-	-
MALONE	9	9	35	10.1	3.3	6.7	-	14.2	23	-1.6	10	7.5	-	30	-	6	1	14	11	-	-	-	-	-	3	2	15	-	-	4.12	-	-
MILLTOWN	9	9	37	10.8	3.1	6.9	-	14.6	24	-2.6	10	-	-	38	-	10	1	13	9	3	0	0	1	0	0	3	13	-	-	-	-	-
NEWTOWNABBEY	9	9	32	10.0	4.4	7.2	-	14.9	23	-1.5	10	8.1	-	21	34	5	1	11	7	4	0	2	0	0	0	2	10	3	0	3.99	-	5
ROSEBANK	9	9	47	10.1	3.6	6.9	-	14.0	23.24	-1.0	10	-	-	20	-	4	1	11	7	1	0	1	0	0	-	2	-	-	-	-	-	-
ROSETTA	9	9	24	-	-	-	-	-	-	-	-	-	-	35	60	9	1	13	9	0	0	0	0	0	0	-	-	-	-	-	-	-
STORMONT CASTLE ...	9	9	56	9.7	3.6	6.7	-	13.5	24	-1.5	10	8.2	7.7	28	49	8	1	13	8	0	0	1	0	0	0	2	13	-	-	3.87	-	-
DOWN																																
BANGOR SEACOURT ...	9	9	15	10.1	4.8	7.5	-	14.1	23	0.0	11	8.5	8.2	29	-	9	1	13	9	3	0	2	2	0	0	0	3	2	4	4.97	-	-
BALLYWALTER PARK ...	-	-	11	-	-	-	-	-	-	-	-	-	-	39	85	14	1	13	11	-	-	-	-	-	-	-	-	-	-	5.40	-	-
BALLYWATTICOCK	9	9	6	9.7	3.6	6.7	-	13.7	23	-0.8	10	7.5	7.4	32	64	11	1	14	10	2	0	0	1	0	0	2	8	7	0	5.03	-	-
DOWNPATRICK	9	9	26	10.2	3.5	6.9	-	13.3	24	-1.5	11	-	-	33	-	10	1	11	8	-	-	-	-	-	1	2	8	-	-	-	-	-
HELENS BAY	9	9	43	10.4	4.1	7.3	-	15.3	23	-0.8	10	-	-	31	58	7	1	12	8	2	0	0	3	0	0	2	14	-	0	4.83	-	-
HILLSBOROUGH	9	9	116	9.2	2.7	5.9	-1.6	13.1	24	-3.4	10	7.1	-	29	53	11	1	14	7	1	1	0	0	0	0	3	18	-	0	4.46	92	-
MAGHERALLY	9	9	97	9.7	1.9	5.8	-	13.6	16.22.24	-2.5	8	-	-	26	-	7	1	15	10	4	0	0	4	0	-	8	16	-	-	-	-	-
MURLOUGH	9	9	9	10.2	2.2	6.2	-	14.0	24	-2.3	22	7.0	6.8	47	-	11	30	14	7	0	0	0	0	0	1	9	15	-	4	4.62	-	-
NEWRY	9	9	1	10.6	3.5	7.1	-	14.0	21	-2.2	10	-	-	49	-	9	19	14	10	1	0	0	0	0	0	3	14	-	-	-	-	-
SILENT VALLEY	9	9	129	8.8	2.7	5.7	-	12.7	24	-2.4	10	-	-	87	-	46	30	13	11	3	0	1	0	0	3	4	14	-	-	5.14	-	-
ARMAGH																																
ARMAGH	9	9	62	10.6	2.9	6.7	-1.6	15.2	21	-3.4	10	8.4	7.9	26	45	6	30	15	7	1	0	1	3	0	0	4	15	-	0	3.64	74	-
LOUGHGALL	9	9	25	10.4	2.8	6.6	-	15.0	24	-2.4	10	-	-	31	59	6	1	15	9	0	0	0	0	0	0	6	18	-	0	4.18	-	-
LURGAN	9	9	55	10.6	3.3	6.9	-	14.6	24	-1.9	10	7.9	7.4	26	52	12	1	12	6	1	-	0	0	0	-	3	15	-	-	3.87	-	-
TANDRAGEE	9	9	43	11.1	2.7	6.9	-	15.9	21	-2.5	10	-	-	25	-	9	1	9	7	1	-	0	0	0	-	7	-	-	-	-	-	-
TYRONE																																
ALTAVEEDAN	9	9	175	9.8	2.3	6.1	-	14.7	21	-4.6	10	-	-	43	-	18	17	13	9	-	-	-	-	-	-	7	12	-	-	-	-	-
CARRIGANS	21	9	113	10.7	2.6	6.7	-	15.7	21	-3.8	10	-	-	29	45	7	11	13	9	6	1	6	0	0	3	6	14	7	0	4.11	-	-
COOKSTOWN	9	9	77	9.9	2.8	6.3	-	14.8	22	-3.3	10	7.3	-	29	46	8	17	13	11	2	0	0	0	0	0	4	13	-	-	3.76	-	-
LOUGH BRADAN	9	9	169	9.8	1.2	5.5	-	14.5	22	-5.6	10	-	-	27	34	7	17	13	6	-	1	-	-	-	0	10	16	-	-	4.05	-	-
POMEROY FOREST	9	9	174	9.2	2.3	5.7	-	13.6	21	-4.1	10	7.2	-	35	48	7	17	14	11	1	0	0	0	0	3	5	14	-	-	-	-	-
STRABANE CONVENT ...	9	9	44	-	-	-	-	-	-	-	-	-	-	24	41	5	11	13	10	4	2	2	0	0	2	-	-	-	2	4.20	-	-
TIEVENAY	9	9	41	10.9	2.6	6.7	-	15.6	21	-4.5	10	-	-	29	-	5	1	12	10	-	-	-	-	-	-	6	14	-	-	-	-	-
FERMANAGH																																
CASTLE ARCHDALE FOREST	9	9	66	10.5	2.1	6.3	-1.4	15.2	21	-4.5	10	7.8	7.5	28	42	6	12	12	9	2	0	1	0	0	0	9	19	-	0	3.35	68	-
CORDARY	9	9	156	9.9	2.5	6.2	-	15.2	24	-3.4	10	-	-	27	-	5	12	11	11	3	-	3	0	0	0	7	11	9	-	-	-	-
KNOCKAREVAN	9	9	55	10.9	2.3	6.6	-	16.2	24	-3.0	10	-	-	26	-	5	17	13	8	1	1	0	0	0	9	12	10	-	-	-	-	-
LISNASKEA	9	9	49	11.1	1.9	6.5	-	16.0	24	-4.0	11	-	-	28	48	9	17	10	8	1	-	0	0	0	0	9	14	-	-	3.51	-	-
LOUGH NAVAR FOREST ...	9	9	148	10.1	1.7	5.9	-	15.2	21.24	-4.0	10	-	-	42	48	9	17	13	11	4	1	4	0	0	3	9	18	-	-	-	-	-

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE AT MSL (MB)	MEAN PRESSURE DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION BEAUFORT FORCE SPEED (KT) 8 OR MORE / 34 OR MORE	6-7 / 22-33	4-5 / 11-21	1-3 / 1-10	CALM / 0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																												
0 SCOTLAND N SHETLAND																																						
FAIR ISLE	61	9	1017.4	-	4.9	1.3	6.9	79	5.9	0	6	2	15	7	0	0	0	0	0	2	2	3	7	3	13	1	4	18	7	0	5	4	9	3	3	1	2	3
		15	1017.4	-	5.4	1.5	6.9	77	5.7	0	5	7	9	8	1	0	1	0	0	1	3	2	3	9	11	0	5	19	6	0	6	1	11	3	2	1	3	3
		21	1017.6	-	4.4	1.2	6.8	81	5.9	0	4	5	12	8	1	0	1	0	1	0	2	2	2	10	12	1	6	13	6	4	4	1	7	4	2	1	4	3
LERWICK	83	3	1016.9	-	3.0	-	6.5	-	5.4	0	7	7	3	12	1	0	0	0	1	0	2	3	6	10	8	0	0	9	17	4	7	4	3	3	2	1	3	3
		9	1017.4	+ 6.4	4.8	-	-	-	5.8	0	3	8	10	9	0	0	0	0	0	0	1	6	4	8	11	0	0	22	8	0	8	7	5	4	2	2	2	3
		15	1017.3	-	5.6	-	6.4	-	5.3	0	5	9	8	8	0	0	0	0	0	1	1	4	7	7	10	0	1	20	9	0	4	2	7	4	2	2	4	5
		21	1017.5	-	3.5	-	6.6	-	5.7	1	3	7	8	11	0	0	0	0	1	1	2	1	10	8	7	0	0	13	14	3	7	3	4	2	2	3	3	3
ORKNEY																																						
KIRKWALL	26	3	1016.9	-	3.6	0.8	6.9	87	5.7	1	5	2	11	10	1	0	0	0	1	1	1	2	8	13	4	0	0	19	9	2	4	2	7	5	2	0	5	3
		9	1017.3	+ 5.7	5.5	1.3	7.3	80	6.6	0	2	4	13	11	0	0	0	0	0	0	2	3	6	15	4	0	0	18	12	0	5	5	8	4	1	2	2	3
		15	1017.2	-	6.8	1.7	7.5	75	6.0	0	3	7	10	10	0	0	0	0	0	0	0	9	2	14	5	0	3	18	9	0	7	1	11	4	3	0	2	2
		21	1017.7	-	3.8	0.8	7.0	86	5.5	0	6	4	14	6	0	0	0	0	1	1	1	3	5	13	6	0	2	15	12	1	4	1	10	5	1	0	7	1
WESTERN ISLES																																						
BENBECULA	7	3	1015.1	-	4.6	0.6	7.8	91	5.3	3	2	8	9	8	0	0	0	1	1	0	0	4	4	17	3	0	0	9	20	1	3	7	7	7	1	1	1	2
		9	1015.5	+ 3.5	6.7	0.9	8.5	87	6.0	2	2	3	14	9	0	0	0	0	1	0	0	5	8	12	4	0	1	15	14	0	4	9	7	4	3	1	0	2
		15	1015.5	-	8.1	1.4	8.9	81	6.3	0	1	6	17	6	0	0	0	0	0	0	0	3	8	13	6	0	2	13	15	0	2	8	1	7	2	3	4	3
		21	1016.0	-	5.6	0.7	8.2	89	4.9	3	6	4	11	6	0	0	0	0	1	0	2	2	3	15	7	0	1	8	20	1	6	7	5	5	1	1	3	1
STORNOWAY	5	3	1016.0	-	4.4	0.5	7.7	91	5.5	4	2	4	8	12	0	0	0	0	0	0	0	7	12	11	0	0	0	10	18	2	5	3	10	3	1	2	1	3
		9	1016.4	+ 4.6	5.9	0.9	8.1	86	5.7	0	3	7	11	9	0	0	0	0	0	0	2	8	6	13	1	0	0	15	15	0	2	5	7	7	4	3	1	1
		15	1016.4	-	7.3	1.4	8.2	80	4.7	0	9	8	5	8	0	0	0	0	0	0	1	3	8	13	5	0	1	17	12	0	2	7	8	3	5	0	3	2
		21	1016.9	-	5.2	0.7	8.0	89	5.2	3	4	5	10	8	0	0	0	0	0	0	1	8	9	12	0	0	0	13	13	4	4	4	7	4	0	3	2	2
HIGHLAND																																						
DAPE WRATH	113	3	1016.1	-	4.4	1.0	7.1	84	5.9	0	4	7	7	10	2	0	1	0	2	0	1	1	1	23	1	0	3	13	14	0	4	2	10	5	1	3	5	0
		9	1016.5	-	4.7	1.1	7.1	82	6.6	0	0	7	10	11	2	0	0	0	2	0	1	3	6	16	2	0	2	12	16	0	5	0	8	9	0	5	2	1
		15	1016.5	-	5.7	1.2	7.6	82	6.7	0	0	7	8	13	2	0	0	1	1	0	0	2	6	16	4	0	2	12	16	0	3	1	9	7	0	4	2	4
		21	1016.8	-	5.1	1.0	7.4	84	6.8	0	2	10	8	9	1	0	0	1	0	0	0	2	6	19	2	0	4	13	13	0	3	2	9	8	0	3	2	3
DALCROSS	12	9	1016.5	-	5.5	1.0	7.7	84	6.3	0	2	6	12	10	0	0	0	0	0	0	0	5	11	9	5	0	0	10	18	2	5	8	6	1	0	3	4	1
		15	1016.1	-	7.3	1.5	8.1	79	6.2	0	3	4	15	8	0	0	0	0	0	0	0	4	13	10	3	0	0	16	13	1	5	10	8	1	0	0	2	3
WICK	37	3	1016.9	-	3.4	0.8	6.9	87	5.7	0	7	3	10	10	0	0	0	0	0	1	2	2	6	16	3	0	0	12	17	1	5	2	6	6	2	1	7	0
		9	1017.2	+ 5.3	5.1	1.3	7.1	80	6.8	0	1	4	14	10	1	0	0	0	1	1	1	6	4	12	5	0	0	11	19	0	4	0	10	4	3	0	2	7
		15	1017.1	-	6.1	1.5	7.4	77	6.4	0	3	3	17	7	0	0	0	1	0	1	2	5	2	15	4	0	0	16	14	0	4	3	8	9	3	0	1	2
		21	1017.6	-	4.4	0.9	7.2	86	6.3	0	4	3	10	13	0	0	0	0	0	0	4	5	4	16	1	0	1	15	13	1	4	2	9	6	1	0	3	4
1 SCOTLAND E BANFFIAN																																						
BYCE	59	3	1015.9	-	3.5	0.6	7.2	90	6.8	1	1	3	8	14	3	0	0	0	5	2	2	8	6	5	2	0	0	5	22	3	2	2	6	4	1	1	5	6
		9	1016.3	+ 3.5	5.4	1.1	7.4	82	6.8	0	1	4	10	13	2	0	0	0	3	1	2	9	7	5	3	0	0	9	18	3	5	6	2	2	2	0	5	5
		15	1016.0	-	7.1	1.8	7.6	75	6.4	1	0	5	11	12	1	0	0	1	0	3	2	7	5	9	3	0	0	9	21	0	4	4	11	7	0	0	1	3
		21	1016.7	-	4.4	0.8	7.4	87	6.7	0	2	2	6	16	2	0	0	1	2	1	6	12	5	2	1	0	0	4	23	3	1	4	8	4	1	0	4	5
FRASERBURGH	22	3	1015.9	-	4.8	0.6	7.8	90	6.3	0	3	6	5	16	0	0	0	0	0	0	0	0	21	9	0	1	3	14	12	0	3	1	10	3	3	0	6	4
		9	1016.3	+ 3.8	5.7	0.9	8.0	87	6.8	0	0	5	10	14	1	0	1	0	0	0	0	0	12	17	0	0	3	12	15	0	5	1	6	5	2	2	0	9
		15	1016.2	-	6.3	1.0	8.2	86	6.3	0	1	8	10	11	0	0	0	1	0	0	0	1	9	19	0	0	3	15	12	0	8	4	11	2	2	0	2	1
		21	1016.7	-	5.0	0.7	7.9	89	6.6	0	0	9	7	13	1	0	1	0	1	0	0	2	20	6	0	1	5	8	16	0	3	2	10	6	2	2	1	4
KINLOSS	6	3	1016.3	-	3.8	0.6	7.3	89	6.8	0	1	4	13	11	1	0	0	0	0	0	2	14	9	5	0	0	0	6	23	1	2	1	12	2	3	6	1	2
		9	1016.6	+ 4.1	5.6	1.2	7.5	82	6.9	0	1	1	20	8	0	0	0	0	0	0	0	13	6	8	3	0	0	11	18	1	4	3	7	1	3	4	3	4
		15	1016.3	-	7.2	1.7	7.8	76	6.3	0	1	5	18	6	0	0	0	0	0	0	2	5	12	5	6	0	0	17	13	0	11	5	8	1	0	1	3	1
		21	1016.9	-	4.8	0.8	7.5	87	6.7	0	2	1	17	9	1	0	1	0	0	1	1	8	10	6	3	0	1	5	22	2	2	3	14	1	0	3	4	1
LOSSIEMOUTH	6	3	1016.3	-	4.1	0.8	7.2	87	6.7	0	1	5	11	13	0	0	0	0	1	0	1	13	7	6	2	0	0	10	17	3	2	1	12	2	2	4	1	3
		9	1016.6	-	5.7	1.2	7.5	81	6.7	0	1	3	17	9	0	0	0	0	0	1	1	7	9	9	3	0	0	15	15	0	3	1	10	3	1	6	2	4
		15	1016.3	-	7.0	1.7	7.6	75	6.2	0	2	6	14	8	0	0	0	0	0	1	0	7	8	6	8	0	0	16	14	0	4	4	15	2	0	0	4	3
		21	1017.0	-	5.1	1.0	7.5	85	6.4	0	2	5	11	12	0	0	0	0	0	1	3	6	11	8	1	0	1	10	19	0	4	0	15	2	1	0	3	5
TAYSIDE																																						
UBAN	35	9	1016.6	-	5.5	1.0	7.7	85	6.5	1	2	4	6	15	2	1	0	1	0	1	3	7	3	5	9	0	1	10	17	2	3	8	3	1	4	0	1	8
		15	1016.3	-	6.5	1.2	8.1	83	6.2	0	3	6	8	12	1	0	0	1	1	3	2	7	2	6	8	0	3	7	17	3	3	6	5	5	6	0	0	2
		21	1017.0	-	5.0	0.7	7.8	88	5.6	1	5	6	4	12	2	0	0	1	1	3	1	7	3	2	12	0	2	11	12	5	6	6	3	2	1	2	3	2
FIFE																																						
LEUCHARS	12	3	1015.6	-	3.7	0.7	7.1	87	6.5	0	4	2	7	17	0	0	0	0	1	2	3	8	5	6	5	0	2	9	17	2	2	6	7	3	0	4	6	0
		9	1016.0	+ 2.8	5.6	1.2	7.5	81	6.7	1	1	2	12	14	0	0	0	1	2	1	3	5	8	2	8	0	1	12	16	1	3	9	6	3	0	3	2	3
		15	1015.5	-	7.0	1.9	7.4	74	6.6	0	1	2	10	9	0	0	0	0	1	1	5	4	9	8	2	0	1	12	16	1	1	6	13	2	1	2	1	3
		21	1016.3	-	4.9	0.9	7.4	84	6.6	0	3	2	11	14	0	0	0	0	2	2	1	8	5	6	6	0	1	8	21	0	4	7	8	3	0	3	3	2
LOTHIAN																																						
TURNHOUSE	44	3	1015.2	-	3.5	0.7	7.0	87	6.6	1	2	3	10	13	1	0	0	0	1	2	2	7	8	8	2	0	0	5	18	7	1	3	10	2	1	1	5	0
		9	1015.5	+ 1.8	5.9	1.3	7.5	80	6.6	0	1	6	11	12	0	0	0	0	1	2	2	9	8	4	4	0	0	8	21	1	1	4	14	1	0	1	4	4
		15	1014.9	-	7.9	2.4	7.2	68	6.8	0	1	3	16	10	0	0	0	0	1	0	3	8	6	8	4	0	1	14	15	0	1	10	10	2	1	1	3	2
		21	1015.8	-	5.1	1.1	7.3	82	6.6	0	2	4	13	11	0	0	0	0	0	0	3	11	6	8	2	0	0	8	20	2	2	3	13	2	3	1	3	1
6 SCOTLAND W STRATHCLYDE																																						
ABBOTSINCH	9	3	1015.1	-	3.8	0.8	7.1	86	6.6	1	2	3	9	15	0	0	0	0	0	0	0	15	6	6	3	0	0	9	16	5	2	6	11	0	1	2	3	0
		9	1015.3	+ 1.5	6.1	1.3	7.6	81	6.8	0	3	1	11	14	1	0	0	0	0	1	4	9	9	3	4	0	0	10	19	1	0	5	17	1	0	1	1	4
		15	1014.6	-	9.0	3.0	7.0	62	6.4	0	1	6	14	9	0	0	0	0	0	0	4	13	10	3	0	0	0	15	15	0	3	3	15	3	0	2	3	1
		21	1015.5	-	5.5	1.4	7.2	78	6.1	0	2	6	15	7	0	0	0	0	0	0	1	12	8	5	4	0	0	9	20	1	1	9	12	1	0	2	2	2
GLASGOW WEATHER CENTRE	17 (X)	3	1015.0	-	-	-	-	-	6.5	0	2	3	13	12	0	0	0	0	0	0	0	14	6	10	0	0	0	0	29	1	0	14	6	3	1	1	2	2
		9	1015.4	-	6.2	1.6	7.3	77	6.6	0	3	4	7	16	0	0	0	0	0	0	1	14	8	3	4	0	0	0	29	1	1	11	7	3	0	2	4	1
		15	1014.7	-	8.7	2.9	7.0	63	6.8	0	1	3	15	11	0	0	0	0	0	0	0	7	12	8	3	0	0	2	28	0	2	8	7	4	2	2	4	1
		21	1015.6	-	6.5	1.8	7.2	74	6.1	0	2	8	12	8	0	0	0	0	0	0	0	11	9	6	4	0	0	1	28	1	1	10	9	1	2	1	3	2
ARCHIMANISH	14	3	1014.0	-	4.7	0.8	7.5	87	5.5	1	4	9	6	10	0	0	0	0	0	0	0	9	11	7	3	0	2	11	16	1	1	1	19	4	1	0	1	2
		9	1014.4	-	6.7	1.4	7.9	80	5.9	0	2	8	15	5	0	0	0	0	0	1	0	12	10	7	0	0	2	18	10	0	2	0	18	4	1	0	2	3
		15	1014.0	-	8.3	2.2	7.8	71	6.2	1	1	5	16	7	0	0	0	0	0	0	4	17	7	2	0	6	12	12	0	2	1	9	7	2	0	5	4	0
		21	1014.7	-	5.7	1.1	7.7	83	6.4	0	1	5	17	7	0	0	0	0	0	0	1	7	14	5	3	0	2	13	14	1	3	1	16	8	0	0	1	3
PRESTWICK	21	3	1014.8	-	3.9	0.7	7.2	88	6.1	1	2	6	9	12	0	0	0	0	0	0	0	7	13	7	3	0	0	5	23	2	2	5	14	4	1	0	2	0
		9	1015.0	+ 1.2	6.7	1.5	7.7	78	5.9	0	5	5	9	11	0	0	0	0	0	1	1	8	10	7	4	0	1	14	15	0	1	2	12	7	3	0	2	3
		15	1014.4	-	8.8	2.7	7.4	65	6.6	0	1	5	13	11	0	0	0	0	0	0	0	5	14	9	2	0	1	17	12	0	3	0	4	2	4	1	4	4
		21	1015.2	-	5.4	1.0	7.6	84	5.6	0	6	5	10	9	0	0	0	0	0	0	0	9	12	8	1	0	1	10	19	0	0	3	15	6	0	1	2	3
RHUVAAL	19	3	1014.9	-	5.4	0.9	7.7	86	4.7	4	9	2	2	13	0	0	0	0	0	0	0	0	11	10	9	0	2	11	15	2	2	1	9	3	8	1	2	2
		9	1015.1	-	6.5	1.2	8.1	83	6.4	0	2	5	10	13	0	0	0	0	0	0	1	9	8	12	0	1	14	12	3	2	4	8	8	4	0	1	3
		15	1015.1	-	7.9	1.7	8.3	77	6.3	1	1	7	10	11	0	0	0	0	0	0	0	0	8	11	11	0	3	10	17	0	6	2	6	3	0	0	1	4
		21	1015.4	-	6.4	1.1	8.1	84	6.1	1	1	8	10	10	0	0	0	0	0	0	0	0	9	13	8	0	2	11	14	3	4	1	9	4	5	1	0	3

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE AT MSL (MB)	MEAN PRESSURE DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION BEAUFORT FORCE 9 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT) 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																
6 SCOTLAND N -CONTD.																																										
STRATHCLYDE -CONTD.																																										
GLOY	-	9	-	-	6.0	1.5	7.3	78	6.2	0	4	5	7	14	0	0	0	0	0	0	0	0	8	22	0	0	0	1	22	7	4	3	4	11	1	0	0	0
		15	-	-	8.6	2.7	7.3	65	6.6	1	0	6	10	13	0	0	0	0	0	0	0	0	1	28	1	0	0	0	29	1	2	4	3	10	4	0	2	4
		21	-	-	5.6	1.4	7.3	79	5.5	0	8	4	5	13	0	0	0	0	0	0	0	7	23	0	0	0	0	0	25	5	2	4	2	6	2	0	2	7
TIREE	10	3	1014.5	-	5.1	0.6	8.0	90	5.2	2	7	4	4	13	0	0	0	0	1	0	0	9	5	6	9	0	1	16	9	4	3	4	8	4	3	1	1	2
		9	1014.8	+ 2.0	7.0	1.1	8.4	83	6.2	1	3	3	14	9	0	0	0	0	0	1	10	8	2	9	0	2	20	7	1	4	1	10	9	3	0	1	1
		15	1014.7	-	8.5	1.5	8.9	79	5.5	0	5	6	9	10	0	0	0	0	0	0	0	6	8	6	10	0	2	17	10	1	8	1	6	7	4	1	0	2
		21	1015.2	-	5.9	0.8	8.3	88	5.5	2	6	1	13	8	0	0	0	0	0	0	0	8	5	9	8	0	2	13	13	2	5	6	7	6	1	0	1	2
DUMFRIES & GALLOWAY																																										
ESKDALEMUIR	237	3	1015.1	-	2.1	0.6	6.5	89	6.0	4	1	4	3	18	0	0	0	0	0	0	4	8	9	6	3	0	0	5	15	10	8	5	2	0	1	0	0	4
		9	1015.2	+ 1.1	4.5	1.4	6.8	79	6.3	0	3	5	10	12	0	0	0	0	0	3	7	5	11	4	0	1	11	14	4	5	10	4	2	1	1	0	3
		15	1014.4	-	7.0	2.3	7.1	71	6.8	0	0	6	14	10	0	0	0	0	1	1	4	6	11	7	0	0	0	9	21	0	6	12	3	1	3	4	0	1
		21	1015.8	-	5.0	0.9	6.6	86	6.2	0	5	1	12	12	0	0	0	0	1	0	3	6	7	10	3	0	0	7	15	8	10	5	1	2	0	1	2	1
2 ENGLAND E & NE																																										
NORTHUMBERLAND																																										
BOULMER	27	3	1014.9	-	4.0	0.5	7.6	92	6.7	0	2	5	2	17	4	0	2	2	1	3	5	5	2	5	5	0	0	9	20	1	4	5	3	2	4	2	4	5
		9	1015.4	-	5.6	0.9	7.9	86	6.6	1	2	3	10	14	0	0	0	2	0	5	3	7	1	7	5	0	0	11	19	0	5	4	7	5	1	0	3	5
		15	1015.1	-	6.5	1.0	8.2	84	6.3	0	2	5	11	11	1	0	1	1	0	2	4	6	2	8	6	0	0	17	13	0	9	7	5	7	1	0	1	0
		21	1015.7	-	4.6	0.6	7.7	90	6.6	0	1	6	7	14	2	0	2	1	0	3	5	6	3	6	4	0	0	9	21	0	7	4	5	3	7	2	1	1
BEAMHOUSES	12	3	1014.7	-	-	-	-	-	6.2	2	2	5	4	13	4	1	2	0	1	1	2	8	6	9	0	1	1	5	23	0	5	5	3	2	7	2	4	2
		9	1015.2	-	-	-	-	-	6.4	0	2	6	10	11	1	0	1	1	2	3	6	4	4	9	0	0	4	9	16	1	4	6	5	2	5	0	4	3
		15	1015.0	-	-	-	-	-	5.9	0	1	12	7	10	0	0	0	0	1	5	3	7	5	6	3	0	1	15	14	0	7	5	7	3	5	1	0	2
		21	1015.5	-	-	-	-	-	6.4	0	1	8	7	12	2	0	0	0	2	2	2	11	4	9	0	0	1	12	17	0	8	4	6	3	7	0	2	0
TYNE & WEAR																																										
NEWCASTLE	72	3	1014.8	-	4.3	0.7	7.4	88	6.1	3	2	3	4	16	2	0	1	2	0	2	3	8	7	4	2	0	0	1	28	1	7	4	6	3	2	1	6	0
WEATHER CENTRE (X)		9	1015.3	-	5.9	1.3	7.6	80	6.1	1	5	3	4	17	0	0	0	0	1	1	8	10	2	5	3	0	0	4	23	1	2	7	6	4	3	1	1	5
		15	1014.8	-	7.7	2.0	7.7	72	6.3	1	1	5	12	11	0	0	0	0	0	1	3	10	7	7	2	0	0	4	25	1	2	8	13	3	1	0	1	1
		21	1015.6	-	5.4	1.0	7.6	84	6.6	0	2	4	8	16	0	0	0	0	1	1	6	12	6	4	0	0	0	0	28	2	2	9	8	3	3	0	2	1
TYNEMOUTH	40	3	1015.0	-	4.5	0.7	7.6	89	6.1	3	4	1	2	17	3	0	3	0	0	2	3	6	10	6	0	0	0	13	16	1	10	3	2	4	4	1	4	1
		9	1015.4	+ 1.1	5.4	0.9	7.8	86	6.1	1	4	5	2	16	2	0	0	1	3	2	4	8	7	5	0	0	1	16	11	2	7	4	6	6	0	0	2	3
		15	1015.1	-	6.3	1.1	8.1	84	6.1	1	1	8	8	11	1	0	1	1	0	5	2	5	6	10	0	0	1	18	11	0	7	4	9	6	3	0	1	0
		21	1015.4	-	5.3	0.8	7.8	87	6.4	2	2	6	1	18	1	0	1	0	0	0	2	6	15	6	0	0	2	12	16	0	6	3	7	2	10	0	2	0
NORTH YORKSHIRE																																										
LEEMING	33	3	1014.4	-	3.7	0.6	7.3	90	6.1	2	3	4	5	16	0	0	0	0	0	4	2	10	4	8	2	0	0	5	25	0	7	3	1	6	5	0	1	7
		9	1014.7	- 0.1	5.9	1.2	7.6	81	6.1	2	3	2	11	12	0	0	0	0	2	0	4	10	6	6	2	0	0	10	20	0	11	5	1	6	2	1	0	4
		15	1014.0	-	8.4	2.5	7.3	67	6.8	0	0	6	12	12	0	0	0	0	0	1	2	6	8	9	4	0	0	14	16	0	8	8	0	6	4	1	2	1
		21	1015.0	-	5.6	1.1	7.7	84	6.4	0	5	2	8	15	0	0	0	0	0	3	2	8	7	9	1	0	0	7	23	0	9	4	2	7	2	1	3	2
WHITBY C.G.	66	3	1014.2	-	4.1	0.6	7.5	91	5.7	3	1	8	4	13	1	1	1	1	0	2	2	5	6	9	3	1	0	9	17	3	2	9	0	5	6	3	1	1
		9	1014.6	-	5.6	0.8	8.0	87	6.0	1	4	5	4	14	2	0	1	0	3	2	1	7	6	6	4	0	3	6	18	3	1	9	4	4	3	0	2	4
		15	1014.3	-	6.2	0.8	8.3	88	6.4	1	1	7	7	12	2	0	1	0	2	2	4	6	4	10	1	0	2	13	14	1	3	9	5	9	0	0	0	3
		21	1014.9	-	5.0	0.7	7.8	89	6.1	0	3	7	6	10	4	0	3	0	1	1	1	6	8	6	4	0	0	11	17	2	2	11	3	5	4	2	1	0
HUMBERSIDE																																										
SPURN POINT	20	3	1013.7	-	4.8	0.7	7.6	88	5.3	3	4	7	3	11	2	0	0	2	0	0	2	9	8	9	0	0	1	17	11	1	6	8	2	5	2	2	2	2
		9	1014.2	-	6.1	1.1	7.9	84	6.4	1	4	1	6	16	2	0	0	2	0	5	5	5	7	6	0	0	2	13	14	1	5	8	3	6	1	1	2	3
		15	1013.8	-	7.2	1.4	8.1	80	6.3	1	2	7	4	15	1	0	0	1	0	5	3	4	8	9	0	0	2	20	8	0	6	9	7	7	0	0	1	0
		21	1014.4	-	5.7	0.9	7.9	86	5.7	2	2	8	6	10	2	0	1	1	0	1	1	4	14	8	0	0	0	19	10	1	4	11	2	7	1	1	3	0
LINCOLNSHIRE																																										
BINBROOK	112	3	1013.9	-	3.2	0.6	6.9	89	6.2	2	3	3	5	14	3	0	2	1	2	0	7	3	5	10	0	0	0	8	21	1	7	6	3	5	3	2	1	2
		9	1014.1	-	5.3	0.9	7.7	86	6.2	2	4	0	10	12	2	0	1	1	2	1	4	7	4	9	1	0	0	0	10	20	0	7	8	3	3	3	2	0	4
		15	1013.6	-	6.9	1.8	7.4	74	6.9	0	1	3	13	13	0	0	0	0	1	3	1	7	7	8	3	0	1	14	15	0	4	11	5	3	4	0	2	1
		21	1014.6	-	4.3	0.7	7.4	89	6.2	1	2	6	9	11	1	0	1	2	1	1	2	9	4	10	0	0	0	11	19	0	5	10	3	5	2	3	2	0
WADDINGTON	70	3	1013.6	-	3.5	0.6	7.1	90	6.3	2	1	3	10	14	0	0	0	1	0	3	5	6	7	6	2	0	0	9	20	1	8	4	3	4	1	4	1	4
		9	1013.8	- 1.5	5.9	1.0	7.9	84	6.2	2	3	2	9	13	1	0	0	1	1	1	8	6	4	6	3	0	1	12	17	0	3	8	4	5	2	1	1	6
		15	1013.1	-	8.0	2.3	7.4	69	6.4	0	3	3	14	10	0	0	0	0	0	2	1	5	5	11	6	0	0	21	8	1	2	9	6	5	2	0	3	2
		21	1014.2	-	4.9	0.8	7.6	87	6.5	0	4	1	12	13	0	0	0	0	2	2	3	8	5	8	2	0	0	10	20	0	7	6	4	7	1	2	3	0
3 EAST ANGLIA																																										
NORFOLK																																										
COLTISHALL	17	3	1012.6	-	4.5	0.7	7.5	88	6.7	0	3	2	11	13	1	1	0	1	2	2	1	7	9	7	0	0	0	9	19	2	5	6	4	4	1	2	2	4
		9	1013.2	-	7.0	1.4	8.1	80	6.3	0	4	3	11	11	1	0	0	1	3	2	4	5	6	5	4	0	0	14	16	0	5	8	5	5	3	3	0	1
		15	1012.7	-	7.8	1.9	7.8	73	6.2	0	4	5	9	12	0	0	0	0	1	2	4	5	8	5	5	0	0	11	19	0	5	10	4	5	3	1	0	2
		21	1013.4	-	5.2	1.0	7.6	84	5.7	0	8	2	8	10	2	0	0	1	2	1	2	9	6	8	1	0	0	6	23	1	4	12	4	3	1	4	1	0
MARHAM	24	3	1013.0	-	3.9	0.6	7.4	90	6.3	1	4	2	8	14	1	0	0	1	2	4	4	4	6	9	0	0	0	7	23	0	10	6	2	7	4	0	0	1
		9	1013.4	- 2.1	6.5	1.4	7.8	79	6.2	0	3	6	8	15	0	0	0	0	0	3	3	7	6	7	4	0	0	14	16	0	2	9	5	3	5	1	1	4
		15	1012.8	-	8.4	2.5	7.5	68	6.4	1	2	3	12	12	0	0	0	0	0	4	5	9	7	5	0	0	0	19	11	0	3	11	4	4	3	2	2	1
		21	1013.6	-	5.3	1.1	7.4	85	6.4	1	3	2	11	13	0	0	0	0	0	3	5	6	4	11	1	0	0	8	21	1	1	13	3	5	2	3	0	2
CAMBRIDGESHIRE																																										
WITTERING	76	3	1013.2	-	3.8	0.5	7.4	91	6.6	0	4	2	7	16	1	0	0	1	0	2	5	6	12	4	0	0	0	10	19	1	9	6	3	4	2	2	2	1
		9	1013.6	- 2.0	5.6	1.0	7.8	85	6.4	2	3	1	8	14	2	0	0	1	3	2	3	7	6	7	1	0	0	16	13	1	4	9	2	7	1	3	0	3
		15	1012.8	-	8.0	2.1	7.8	72	6.8	0	2	1	16	10	1	0	0	0	1	2	1	5	8	10	3	0	0	19	11	0	1	15	2	5	2	2	3	0
		21	1013.9	-	5.0	0.8	7.7	88	6.1	1	4	5	5	13	2	0	1	1	2	2	2	8	9	5	0	0	0	11	18	1	4	11	3	3	1	2	3	2
WYTON	43	3	1012.9	-	3.8	0.5	7.5	92	6.4	1	1	6	5	16	1	0	1	0	1	3	5	8	8	4	0	0	0	10	20	0	9	5	3	4	2	3	2	2
		9	1013.3	-	6.1	1.1	8.0	84	6.5	0	5	0	9	16	0	0	0	0	2	0	5	9	8	6	0	0	0	16	14	0	3	9	6	4	1	4	1	2
		15	1012.5	-	8.9	2.3	8.0	70	6.8	0	2	3	12	13	0	0	0	0	2	1	8	8	7	4	0	0	0	17	13	0	4	9	5	2	4	2	3	1
		21	1013.5	-	5.2	0.8	7.8	87	6.2	1	4	3	8	12	2	0	0	1	2	4	1	9	4	9	0	0	0	9	21	0	5	11	2	4	1	5	0	2
SUFFOLK																																										
ALDEBURGH	9	9	1012.5	-	-	-	-	-	6.2	3	0	5	5	16	1	0	1	1	2	0	4	7	15	0	0	0	3	11	13	3	1	12	2	1	5	3	0	3
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HONINGTON	51	3	1012.9	-	3.6	0.5	7.3	91	6.6	0	2	4	7	15	2	0	1	1	1	3	5	9	8	2	0	0	0	5	24	1	8	5	2	6	2	2	2	2
		9	1013.3	-	6.2	1.3	7.7	81	6.2	0	4	5	8	13	0	0	0	0	2	1	4	10	4	7	2	0	0	12	18	0	3	8	5	4	5	1	1	3
		15	1012.6	-	8.5	2.6	7.4	66	6.2	1	3	3	10	13	0	0	0	0	0	2	3	6	7	7	5	0	0	18	12	0	5	7	5	4	3	2	2	2
		21	1013.5	-	4.9	1.0	7.4	84	5.9	1	5	2	10	12	0	0	0	1	0	3	5	8	6	5	2	0	0	5	25	0	7	11	0	5	1	4	1	1
WATTISHAM	91	3	1012.8	-	3.7	0.5	7.3	91	6.6	1	2	2	8	16	1	0	0	2	2	1	5	9	5	6	0	0	0	12	18	0	5	9	2	5	2	1	3	3
		9	1013.2	-	6.0	1.2	7.8	82	6.2	0	3	6	9	11	1	0	1	0	1	4	2	9	6	6	1	0	0	15	15	0	4	8	4	3	5	2	1	3
		15	1012.5	-	8.0	2.4	7.3	68	6.2	1	3	3	11	12	0	0	0	0	0	4	6	9	8	3	0	0	0	19	11	0	6	6	5	4	4	0	3	2
		21	1013.3	-	4.7	0.9	7.4	86	5.6	2	5	2	9	11	1	0	0	0	3	1	1	9	7	7	2	0	0	13	17	0	5	12	1	6	1	4	0	1
BEDFORDSHIRE																																										
CARDINGTON	50	3	1012.8	-	3.8	0.4	7.6	95	6.1	3	2	3	4	17	1	0	0	0	1	0	1	3	12	9	4	0	0	13	16	1	4	9	2	5	2	2	1	4
		9	1013.2	- 2.6	6.3	1.0	8.2	84	6.8	1	1	4	6	18	0	0	0	0	2	2	0	14	9	2	1	0	0	11	19	0	5	9	4	2	3	4	1	2
		15	1012.5	-	9.2	2.5	8.0	68	6.8	0	1	4	13	12	0	0	0	0	0	0	1	10	12	7	0	0	0	16	14	0	6	7	5	3	3	3	2	1
		21	1013.3	-	5.5	0.8	7.9	87	6.1	2	3	4	8	13	0	0	0	0	1	2	2	11	12	2	0	0	0	11	19	0	6	9	4	2	2	4	2	1

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS — APRIL 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT (OKTAS): MEAN	CLOUD AMOUNT (OKTAS): 0 (NUMBER OF OBSERVATIONS)	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE: 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT): 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
3 EAST ANGLIA -CONTD.																																										
ESSEX																																										
SHOEBURYNESS	5	9	1012.8	- 3.2	6.6	0.9	8.5	86	7.0	0	1	3	13	12	1	0	1	0	0	1	3	8	11	4	2	0	0	15	15	0	5	7	4	3	7	2	0	2				
		15	1012.2	-	8.2	1.7	8.4	77	6.2	0	5	2	12	11	0	0	0	0	1	0	3	6	6	11	3	0	1	18	11	0	2	7	10	1	3	2	3	2				
		21	1012.8	-	5.9	0.9	8.1	87	5.8	1	6	2	7	13	1	0	0	1	2	1	2	4	9	8	3	0	0	12	18	0	3	11	3	3	2	4	2	2				
STANSTED	102	3	1012.4	-	3.7	0.5	7.3	91	6.8	2	0	2	7	17	2	0	0	2	2	1	7	7	8	3	0	0	0	11	17	2	6	6	2	5	3	2	0	4				
		9	1013.0	- 2.9	5.8	1.0	8.0	85	6.1	1	4	3	9	12	1	0	0	1	1	0	7	9	6	5	1	0	0	13	16	1	2	9	5	6	2	2	0	3				
		15	1012.1	-	8.7	2.7	7.3	65	6.1	0	5	3	13	9	0	0	0	0	0	2	7	7	9	5	0	0	0	17	13	0	4	6	5	7	2	1	2	3				
		21	1013.0	-	5.2	1.1	7.4	83	5.5	0	8	3	8	11	0	0	0	0	0	2	5	6	8	8	1	0	0	9	20	1	7	7	5	2	2	4	1	1				
4 MIDLAND COUNTIES																																										
WEST YORKSHIRE																																										
HUDDERSFIELD	255	3	1014.2	-	2.7	0.7	6.6	86	7.5	0	1	1	5	23	0	0	0	2	4	2	5	6	8	3	0	0	0	2	22	6	6	11	1	3	0	0	1	2				
OAKES		9	1014.4	-	4.8	0.9	7.4	86	6.4	3	1	3	4	19	0	0	0	2	5	1	3	13	2	4	0	0	0	5	22	3	4	6	6	4	1	0	1	5				
		15	1013.9	-	7.6	2.2	7.2	69	7.3	0	0	3	8	19	0	0	0	1	0	0	2	8	10	9	0	0	0	9	21	0	7	3	6	7	1	1	2	3				
		21	1015.0	-	4.8	1.0	7.4	84	6.6	1	2	1	11	15	0	0	1	0	2	0	3	8	9	7	0	0	0	4	20	6	5	5	5	1	3	1	2	2				
HILSDEN	267	3	1014.5	-	2.7	0.5	6.9	91	6.4	1	6	0	0	21	2	0	2	0	0	1	3	10	14	0	0	0	0	2	24	4	5	5	5	4	1	3	1	2				
		9	1014.7	-	4.0	0.7	7.2	80	6.4	1	3	3	6	15	2	0	1	2	3	4	2	5	8	5	0	0	0	10	18	2	5	5	8	2	1	1	2	4				
		15	1013.8	-	6.8	2.1	7.0	71	6.7	0	0	5	11	12	2	0	1	1	1	0	1	7	11	8	0	0	0	10	19	1	4	8	4	4	3	0	4	2				
		21	1015.0	-	4.1	0.9	7.0	86	6.3	1	3	3	6	14	3	0	1	1	1	0	2	8	15	2	0	0	0	7	21	2	4	6	6	3	2	0	6	1				
SOUTH YORKSHIRE																																										
FINNINGLEY	15	3	1013.8	-	3.8	0.5	7.4	91	6.5	1	2	5	4	18	0	0	0	0	0	3	2	12	5	6	2	0	0	4	24	2	8	5	3	6	1	1	1	3				
		9	1014.2	- 1.0	6.3	1.2	7.9	82	6.0	2	4	2	8	13	1	0	0	0	1	1	5	10	8	4	1	0	0	6	24	0	4	6	4	4	3	2	0	7				
		15	1013.4	-	8.9	2.6	7.6	66	6.3	0	3	5	12	10	0	0	0	0	0	0	4	4	9	8	5	0	0	9	21	0	3	9	6	4	2	1	4	1				
		21	1014.5	-	5.4	0.9	7.8	86	6.6	0	3	1	14	12	0	0	0	0	0	2	3	9	5	10	1	0	0	4	25	1	7	7	3	5	1	3	2	1				
NOTTINGHAMSHIRE																																										
WATWALL	119	3	1013.8	-	3.6	0.5	7.3	91	5.8	2	4	5	3	16	0	0	0	0	1	3	5	11	9	1	0	0	0	5	23	2	8	6	3	3	2	2	2	2				
		9	1014.2	- 1.1	5.6	1.0	7.7	85	6.4	1	3	3	8	14	1	0	0	1	1	1	8	11	6	2	0	0	0	13	17	0	7	9	3	2	5	0	1	3				
		15	1013.4	-	8.0	2.1	7.8	72	6.8	0	2	1	16	10	1	0	0	1	0	2	1	6	13	5	2	0	0	14	16	0	2	12	3	2	3	2	1	5				
		21	1014.5	-	5.2	0.9	7.7	86	6.7	1	2	3	6	18	0	0	0	0	2	2	3	13	9	1	0	0	0	9	21	0	3	11	5	3	1	5	3	1				
SALOP																																										
SHAWBURY	76	3	1013.3	-	3.8	0.7	7.3	88	5.4	2	8	2	0	18	0	0	0	0	1	1	2	11	12	3	0	0	0	3	24	3	8	6	2	4	0	3	2	2				
		9	1013.5	- 2.0	6.4	1.3	7.9	82	6.6	0	1	6	8	15	0	0	0	0	0	0	4	13	7	5	1	0	0	6	23	1	5	5	6	5	2	2	2	2				
		15	1012.7	-	9.3	2.5	8.0	68	6.5	0	1	4	15	10	0	0	0	0	0	0	2	4	12	10	2	0	0	13	17	0	1	6	8	4	2	3	2	4				
		21	1013.7	-	6.0	1.1	7.9	83	6.0	0	4	5	8	13	0	0	0	0	0	0	3	10	13	4	0	0	0	2	26	2	5	4	8	1	3	2	3	2				
WEST MIDLANDS																																										
EDGBASTON	165	9	1013.5	- 2.3	5.0	1.2	7.1	81	6.8	0	1	5	11	13	0	0	0	0	2	1	1	17	8	1	0	0	0	6	23	1	6	5	5	3	5	2	0	3				
		15	1012.6	-	8.0	2.4	7.3	68	6.9	0	2	1	15	12	0	0	1	0	0	0	8	14	5	2	0	0	6	24	0	4	9	3	3	4	1	2	4				
		21	1013.6	-	5.9	1.4	7.4	78	6.2	2	1	5	8	14	0	0	1	1	0	0	0	8	16	4	0	0	0	5	21	4	4	9	3	1	4	3	1	1				
ELMDON	100	3	1013.3	-	3.6	0.7	7.0	87	6.0	2	5	2	5	15	1	0	0	1	0	2	4	10	9	4	0	0	0	7	21	2	8	6	2	4	4	2	0	2				
		9	1013.7	- 2.0	5.9	1.4	7.3	78	6.4	0	3	5	7	14	1	0	0	0	0	1	3	8	15	3	0	0	0	12	17	1	3	9	1	6	2	2	1	5				
		15	1012.7	-	8.6	2.6	7.4	66	6.7	0	2	1	17	10	0	0	0	0	0	1	1	6	14	7	1	0	0	14	16	0	2	11	3	3	3	2	1	5				
		21	1013.8	-	5.5	1.2	7.4	81	6.5	0	3	3	10	14	0	0	0	0	1	1	0	12	13	3	0	0	0	5	22	3	6	8	2	2	5	3	0	1				
GLOUCESTER																																										
INNSWORTH	24	3	1012.9	-	4.3	0.9	7.3	85	6.6	2	1	2	10	15	0	0	0	0	0	0	5	14	9	2	0	0	0	5	23	2	4	8	1	4	5	2	0	4				
		9	1013.3	-	6.6	1.6	7.6	77	6.2	1	1	6	9	13	0	0	0	0	0	0	3	15	9	0	3	0	0	7	23	0	6	8	2	3	2	4	1	4				
		15	1012.3	-	9.6	2.9	7.6	63	6.5	1	1	5	10	13	0	0	0	0	0	0	2	11	5	11	1	0	0	15	15	0	5	10	3	3	3	1	3	2				
		21	1013.2	-	6.5	1.6	7.6	76	5.8	2	2	6	8	12	0	0	0	0	0	1	3	12	12	1	1	0	0	8	18	4	4	8	3	2	5	2	1	1				
OXFORDSHIRE																																										
BENSON	74	3	1012.9	-	4.2	0.7	7.4	89	6.1	2	5	1	4	18	0	0	0	0	0	0	3	10	12	5	0	0	0	8	17	5	10	3	2	4	3	0	0	3				
		9	1013.3	-	6.3	1.3	7.8	80	5.9	1	5	3	8	13	0	0	0	0	0	0	6	6	12	5	1	0	0	15	12	3	6	8	3	2	2	1	2	3				
		15	1012.3	-	9.4	2.9	7.5	64	6.5	0	2	4	12	12	0	0	0	0	0	0	3	3	13	7	4	0	0	17	13	0	9	5	2	3	5	1	4	1				
		21	1013.3	-	6.2	1.4	7.6	79	6.2	1	2	5	9	13	0	0	0	0	0	0	1	10	9	9	1	0	0	6	19	5	8	4	4	2	2	1	3	1				
BRIZE NORTON	92	3	1012.7	-	3.8	0.8	7.1	87	5.9	2	5	2	6	15	0	0	0	0	0	1	6	10	8	5	0	0	0	11	17	2	5	12	0	4	1	3	1	2				
		9	1013.0	-	6.0	1.6	7.5	79	6.2	1	2	4	10	13	0	0	0	0	0	0	2	12	8	7	1	0	1	17	12	0	3	10	5	2	3	3	0	4				
		15	1012.0	-	9.1	2.9	7.3	63	6.4	0	5	0	13	12	0	0	0	0	0	0	0	8	9	7	6	0	1	15	14	0	4	10	4	3	2	1	4	2				
		21	1013.1	-	5.8	1.4	7.4	79	5.8	1	3	7	8	11	0	0	0	0	0	1	2	7	9	10	1	0	0	10	19	1	4	13	2	3	2	3	1	1				
5 ENGLAND SE & CENT. S.																																										
GREATER LONDON																																										
HEATHROW	26	3	1012.4	-	4.8	0.6	7.9	91	6.1	2	4	2	4	18	0	0	0	0	0	0	5	14	10	1	0	0	0	5	24	1	6	7	2	3	4	1	2	4				
		9	1012.8	- 3.3	6.8	1.2	8.3	82	6.2	0	4	4	7	15	0	0	0	0	1	4	8	15	2	0	0	0	11	19	0	5	9	2	5	2	2	2	3				
		15	1012.0	-	9.9	2.7	8.1	67	6.2	0	3	4	13	10	0	0	0	0	0	1	8	12	7	2	0	0	12	18	0	6	5	6	2	4	1	3	3				
		21	1012.9	-	6.9	1.4	8.0	80	5.6	1	6	4	5	14	0	0	0	0	0	2	12	10	6	0	0	0	0	10	20	0	3	6	6	5	1	2	2	5				
KEW	10	3	1012.4	-	4.6	1.0	7.3	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		9	1012.8	- 3.3	6.9	1.8	7.7	76	6.3	1	4	3	6	16	0	0	0	0	0	1	4	7	11	7	0	0	0	10	20	0	4	8	4	4	3	2	3	2				
		15	1011.9	-	9.6	3.4	7.4	62	6.2	2	2	3	12	11	0	0	0	0	0	0	2	3	13	8	4	0	0	10	20	0	4	6	7	1	6	2	2	2				
		21	1012.9	-	6.6	1.9	7.4	75	5.6	1	7	1	9	12	0	0	0	0	0	0	3	4	12	11	0	0	0	7	23	0	5	7	4	3	4	4	0	3				
LONDON	24	3	1012.1	-	5.7	1.2	7.6	82	6.2	1	5	3	3	18	0	0	0	0	0	0	1	17	6	6	0	0	0	9	21	0	3	12	0	3	3	3	2	4				
WEATHER CENTRE (X)		9	1012.6	-	7.1	1.7	7.8	76	6.1	1	4	4	6	15	0	0	0	0	1	0	3	8	14	4	0	0	0	12	18	0	5	14	0	3	2	3	2	1				
		15	1011.7	-	9.9	3.3	7.3	59	6.2	2	3	0	16	9	0	0	0	0	0	1	6	12	9	2	0	1	13	16	0	7	7	4	3	2	3	4	0				
		21	1012.6	-	7.3	1.9	7.5	73	5.6	1	7	2	7	13	0	0	0	0	0	0	3	8	11	8	0	0	0	13	17	0	5	10	3	2	3	2	3	2				
WILTSHIRE																																										
BOSCOMBE DOWN	128	3	1012.3	-	3.6	0.7	7.1	87	6.4	2	2	2	5	19	0	0	0	0	0	1	4	7	10	6	2	0	0	11	16	3	6	6	5	3	2	2	1	2				
		9	1012.7	- 3.7	5.9	1.4	7.4	79	6.4	0	3	4	9	14	0	0	0	0	2	1	9	9	7	2	0	0	0	11	19	1	0	5	9	4	3	2	0	5	2				
		15	1011.8	-	8.9	3.0	7.0	62	6.2	0	3	2	18	7	0	0	0	0	0	0	1	6	6	11	6	0	0	20	10	0	5	9	2	5	2	1	5	1				
		21	1012.8	-	5.7	1.5	7.2	77	5.8	2	3	6	7	12	0	0	0	0	0	1	9	8	9	3	0	0	0	11	19	0	3	7	6	3	2	4	2	3				
LYNEHAM	149	3	1012.6	-	3.6	0.7	7.1	87	6.1	2	4	2	5	17	0	0	0	0	0	3	1	10	8	8	0	0	0	12	17	1	7	8	2	3	3	4	0	2				
		9	1012.9	- 3.3	5.5	1.3	7.3	80	6.6	0	2	4	11	13	0	0	0	0	0	3	1	10	6	8	2	0	0	20	10	0	6	10	3	2	2	3	2	2				
		15	1012.0	-	8.6	2.6	7.4	66	6.6	0	2	4	13	11	0	0	0	0	0	0	2	7	6	9	6	0	2	17	11	0	5	11	1	3	3	2	4	1				
		21	1013.0	-	5.6	1.3	7.4	79	5.6	1	6	3	9	11	0	0	0	0	0	0	4	8	10	6	2	0	1	12	15	2	6	9	1	5	1	5	0	1				
UPAVON	183	9	1012.8	-	5.6	1.0	7.8	85	6.1	1	4	2	11	12	0	0	0	0	2	2	4	7	4	8	3	0	1	15	13	1	5	11	4	2	2	1	2	2				
		15	1011.9	-	8.7	2.2	8.1	72	6.5	1	1	5	11	12	0	0	0	0	0	1	0	10	5	8	6	0	1	18	11	0	4	10	2	3	4	0	5	2				
		21	1012.9	-	5.5	1.1	7.7	84	5.6	2	4	5	6	13	0	0	0	0	0	0	3	4	13	9	1	0	1	10	17	2	5	7	4	4	2	4	2	0				

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT (OKTAS): MEAN	CLOUD AMOUNT (OKTAS): 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE: 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT): 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																
5 ENGLAND SE & CENT.		S.	-CONTD.																																							
KENT																																										
DUNGENESS	7	3	1011.4	-	-	-	-	-	5.6	3	5	2	4	15	1	0	0	0	1	1	2	5	13	8	0	0	4	12	11	3	2	8	3	1	6	1	2	4
		9	1012.1	-	6.8	0.9	8.7	87	6.6	2	0	4	9	15	0	0	0	0	0	0	2	12	11	5	0	0	8	14	8	0	6	8	4	1	6	2	2	1
		15	1011.6	-	-	-	-	-	5.9	3	1	5	9	12	0	0	0	0	0	0	3	7	7	12	1	0	4	18	8	0	4	9	3	1	6	2	5	0
		21	1011.9	-	-	-	-	-	5.7	1	4	7	4	14	0	0	0	0	0	0	3	7	10	9	1	0	5	15	8	2	2	10	2	3	3	0	5	3
HAMBTON	45	3	1012.1	-	4.8	0.6	7.9	90	5.9	0	8	2	4	16	0	0	0	0	1	2	2	11	7	7	0	0	0	13	17	0	4	7	4	2	8	2	1	2
		9	1012.7	-	6.5	1.0	8.4	86	6.8	1	0	4	11	14	0	0	0	0	2	1	6	7	12	2	0	0	1	15	14	0	8	7	2	4	6	1	1	1
		15	1012.3	-	8.3	1.8	8.3	75	5.6	3	4	3	9	11	0	0	0	0	0	1	3	8	8	7	3	0	1	19	10	0	5	11	0	5	2	3	0	4
		21	1012.7	-	5.6	0.7	8.1	88	6.2	0	3	4	14	8	1	0	0	0	0	3	3	9	9	5	1	0	0	15	15	0	5	9	2	4	3	5	0	2
HAMPSHIRE																																										
SOUTHAMPTON	9	3	1011.9	-	5.5	1.1	7.6	83	5.8	3	2	5	5	15	0	0	0	0	0	0	1	10	8	11	0	0	0	1	27	2	9	5	2	3	1	3	1	4
WEATHER CENTRE (X)		9	1012.5	-	7.5	2.0	7.6	72	6.0	1	4	5	5	15	0	0	0	0	0	0	3	9	7	10	1	0	0	7	22	1	4	6	5	2	2	3	3	4
		15	1011.7	-	10.2	3.4	7.3	59	6.2	1	3	2	15	9	0	0	0	0	0	0	1	5	7	15	2	0	0	11	19	0	4	7	4	2	3	0	6	4
		21	1012.5	-	7.5	1.8	7.8	74	5.3	2	6	4	7	11	0	0	0	0	0	0	2	5	11	12	0	0	0	3	26	1	6	5	3	2	4	2	3	4
WEST SUSSEX																																										
GATWICK	60	3	1012.3	-	4.4	0.6	7.5	90	6.5	2	2	2	5	18	1	0	0	2	0	3	7	10	5	3	0	0	0	5	22	3	3	11	1	2	4	2	1	3
		9	1012.7	- 3.5	6.6	1.3	8.0	81	6.6	0	3	2	11	14	0	0	0	0	0	1	1	14	9	5	0	0	0	12	18	0	2	9	7	1	2	3	2	4
		15	1012.0	-	9.3	2.8	7.6	64	5.8	1	3	7	10	9	0	0	0	0	0	0	1	9	8	7	5	0	1	17	11	1	3	8	5	2	3	3	2	3
		21	1012.8	-	5.8	1.1	7.7	83	6.0	0	5	6	4	15	0	0	0	0	0	0	5	10	9	6	0	0	0	8	20	2	4	10	2	5	1	3	1	2
EAST SUSSEX																																										
HERSTHONCEUX	20	3	1012.0	-	4.8	0.4	8.1	93	5.7	3	3	6	2	16	0	0	0	0	0	2	9	10	6	3	0	0	0	8	19	3	11	7	0	2	4	2	1	0
		9	1012.5	-	5.8	1.1	8.4	84	6.6	1	1	4	10	14	0	0	0	0	0	1	1	8	13	7	0	0	0	13	16	1	8	7	3	3	3	0	4	1
		15	1011.9	-	9.1	2.3	8.2	71	5.6	1	4	7	10	8	0	0	0	0	0	0	2	4	9	7	8	0	4	11	15	0	7	6	3	3	4	3	2	2
		21	1012.5	-	5.8	0.8	8.2	88	5.6	1	6	4	6	13	0	0	0	0	0	1	3	10	10	6	0	0	0	9	16	5	8	8	3	0	2	1	3	0
7A ENGLAND NW & I.O.M.																																										
CUMBRIA																																										
CARLISLE	28	3	1014.5	-	4.0	0.7	7.3	88	5.9	1	5	5	3	16	0	0	0	0	0	0	1	12	9	8	0	0	0	4	26	0	2	3	14	4	3	2	2	0
		9	1014.8	+ 0.2	6.6	1.5	7.8	79	5.7	1	3	8	7	11	0	0	0	0	0	0	0	8	8	10	4	0	0	9	20	1	1	3	12	6	3	0	2	2
		15	1014.0	-	9.2	2.6	7.8	67	6.6	0	0	6	19	5	0	0	0	0	0	0	0	3	12	12	3	0	0	14	16	0	2	1	12	4	3	1	5	2
		21	1015.0	-	5.7	1.1	7.7	83	6.4	0	1	8	9	12	0	0	0	0	0	0	0	11	7	12	0	0	0	6	23	1	1	3	16	2	1	1	4	1
LANCASHIRE																																										
SQUIRES GATE	11	3	1013.7	-	4.2	0.7	7.4	88	5.5	2	4	7	6	11	0	0	0	0	0	0	3	12	7	7	1	0	0	8	21	1	4	6	8	6	1	1	2	1
		9	1014.1	- 0.9	7.1	1.5	8.0	78	6.1	0	3	4	15	7	1	0	0	0	1	0	0	10	13	6	0	0	0	12	18	0	4	2	11	6	3	1	0	3
		15	1013.5	-	9.5	2.5	8.1	68	6.5	0	0	8	13	9	0	0	0	0	0	0	0	5	12	9	4	0	0	16	14	0	1	4	9	2	2	2	5	5
		21	1014.2	-	6.1	1.2	7.7	81	6.1	0	4	2	20	4	0	0	0	0	0	0	0	12	11	7	0	0	0	11	19	0	4	4	12	3	1	1	1	4
GREATER MANCHESTER																																										
MANCHESTER	42	3	1013.4	-	5.5	1.4	7.2	78	6.0	1	4	2	15	8	0	0	0	0	0	0	0	11	12	7	0	0	0	2	28	0	6	8	7	3	4	1	0	1
WEATHER CENTRE (X)		9	1013.7	-	7.1	2.1	7.1	70	6.0	1	5	1	12	11	0	0	0	0	0	0	2	9	16	3	0	0	0	4	26	0	5	10	1	6	4	1	1	2
		15	1012.9	-	9.7	3.4	6.9	57	6.1	1	1	7	12	9	0	0	0	0	0	0	0	7	14	9	0	0	0	4	26	0	4	9	5	3	3	1	3	2
		21	1014.0	-	7.2	2.1	7.2	71	6.1	0	5	2	15	8	0	0	0	0	0	0	0	7	14	9	0	0	0	3	26	1	5	11	4	3	1	2	2	1
RINGWAY	84	3	1013.5	-	4.7	1.0	7.2	83	5.6	1	6	4	9	10	0	0	0	0	0	0	0	15	10	5	0	0	0	6	24	0	2	7	4	4	7	1	1	4
		9	1013.7	- 1.5	6.6	1.8	7.4	75	6.0	0	6	2	8	15	1	0	0	1	0	1	0	11	15	2	0	0	0	9	21	0	3	7	6	4	6	0	2	2
		15	1012.9	-	9.3	3.1	7.1	60	6.4	0	3	3	14	10	0	0	0	1	0	0	2	4	15	8	0	0	0	19	11	0	4	5	9	2	1	3	4	2
		21	1014.1	-	6.5	1.6	7.5	77	5.9	0	4	6	9	11	0	0	0	0	0	0	0	14	11	5	0	0	0	11	19	0	2	5	9	3	5	0	2	4
ISLE OF MAN																																										
POINT OF AYRE	9	3	1013.9	-	5.3	0.7	7.9	88	5.0	5	2	9	2	12	0	0	0	0	0	1	0	3	11	7	8	0	3	13	11	3	2	9	4	9	1	0	1	1
		9	1014.4	+ 0.1	6.6	1.0	8.3	85	6.1	0	4	5	7	14	0	0	0	0	0	1	2	13	6	8	0	3	21	6	0	2	11	3	9	1	0	2	2	2
		15	1014.1	-	8.4	1.7	8.6	78	6.4	0	1	7	11	11	0	0	0	0	0	0	3	7	16	4	0	1	12	13	4	2	13	0	4	2	0	2	3
		21	1014.5	-	6.2	0.9	8.3	87	5.5	0	5	7	6	12	0	0	0	0	0	0	0	4	8	9	9	0	2	15	12	1	3	9	3	5	2	1	2	4
RONALDSWAY	21	3	1013.4	-	4.7	0.8	7.6	88	5.1	1	5	10	4	10	0	0	0	0	0	0	2	5	8	12	3	0	0	15	14	1	7	4	8	4	2	0	1	3
		9	1014.1	- 0.6	6.8	1.3	8.1	80	5.9	0	5	3	13	9	0	0	0	0	0	0	2	9	7	5	7	0	0	19	11	0	2	2	16	3	1	2	2	2
		15	1013.7	-	8.5	2.1	8.0	72	6.3	0	4	2	15	9	0	0	0	0	0	0	2	5	10	10	3	0	1	14	15	0	2	3	12	5	1	3	1	3
		21	1014.2	-	6.0	1.1	7.8	82	6.0	0	6	2	10	12	0	0	0	0	0	0	2	6	9	9	4	0	1	13	16	0	7	7	8	2	1	0	2	3
7B WALES N																																										
GWYNEDD																																										
BARDSEY ISLAND	19	3	1013.0	-	6.3	1.0	8.2	84	4.2	9	4	4	1	12	0	0	0	0	0	0	0	2	24	4	0	1	4	5	17	3	13	3	1	3	2	0	3	2
		9	1013.5	-	7.3	1.3	8.4	81	6.2	0	2	6	13	9	0	0	0	0	0	0	0	1	19	8	2	2	5	5	16	2	10	2	4	5	1	2	3	1
		15	1013.3	-	8.7	1.6	9.0	79	5.6	0	3	9	10	8	0	0	0	0	0	0	0	0	19	8	3	0	3	9	17	1	9	5	3	3	1	2	3	3
		21	1013.4	-	7.3	1.2	8.5	82	5.2	4	3	4	9	10	0	0	0	0	0	0	0	3	20	7	0	1	2	10	13	4	13	3	2	2	1	1	2	2
VALLEY	11	3	1013.3	-	5.2	0.7	8.0	89	5.0	4	6	2	10	8	0	0	0	1	0	0	1	8	10	9	1	0	1	12	14	3	5	9	3	4	3	1	0	2
		9	1013.8	- 1.3	7.3	1.5	8.2	79	6.6	0	0	5	18	7	0	0	0	0	0	1	7	10	9	3	0	3	13	14	0	3	10	2	6	4	2	1	2	2
		15	1013.6	-	9.5	2.3	8.4	71	6.2	0	4	3	17	6	0	0	0	1	0	0	0	6	6	12	5	0	2	19	8	1	4	11	0	1	5	3	1	4
		21	1014.0	-	6.6	0.9	8.5	87	5.8	1	3	6	13	7	0	0	0	0	0	0	0	12	8	9	1	0	1	11	17	1	6	12	2	0	5	1	2	1
8A WALES S																																										
DYFED																																										
ABERPORTH	134	3	1012.6	-	4.9	1.0	7.4	84	4.7	4	4	8	5	8	1	0	0	0	2	0	0	7	13	4	4	0	4	10	16	0	4	2	8	6	5	1	2	2
		9	1013.2	- 2.4	6.6	1.4	7.8	80	6.2	0	3	3	18	6	0	0	0	0	1	0	2	6	11	8	2	0	1	15	14	0	4	5	7	3	5	0	3	3
		15	1012.7	-	8.6	2.0	8.2	75	6.3	0	3	4	14	9	0	0	0	0	0	0	0	6	7	10	7	0	1	17	12	0	9	4	3	1	4	0	5	4
		21	1013.1	-	6.4	1.1	8.0	83	5.3	3	5	4	7	11	0	0	0	0	0	0	0	10	10	6	4	0	4	8	18	0	6	3	8	2	4	3	3	1
BRANDY	116	3	1012.5	-	4.5	0.8	7.3	86	4.9	4	5	6	6	9	0	0	0	0	1	0	0	1	7	12	8	1	0	1	12	16	1	4	8	5	5	1	3	1
		9	1013.0	-	6.5	1.3	7.9	81	6.6	0	2	3	15	10	0	0	1	0	0	0	2	11	5	11	0	0	0	16	14	0	4	8	6	5	2	1	2	2
		15	1012.7	-	8.8	2.4	7.8	69	6.2	0	1	7	16	6	0	0	0	0	0	0	2	3	13	8	4	0	1	16	13	0	5	7	2	2	2	4	3	5
		21	1013.1	-	5.7	0.9	7.9	85	5.4	2	6	3	10	9	0	0	0	0	1	1	1	9	9	7	2	0	3	7	19	1	6	8	5	2	1	1	4	2
BRYNHAWKN	-	9	-	-	5.9	1.4	7.4	79	6.0	0	3	6	10	10	1	1	0	0	0	2	3	11	9	4	0	0	0	3	23	4	3	6	8	3	1	0	2	3
		15	-	-	9.1	2.3	8.1	70	6.3	0	3	4	15	8	0	0	0	0	0	0	3	0	16	3	0	0	0	8	19	3	2	6	3	5	2	2	4	3
		21	-	-	6.0	1.3	7.6	80	5.3	3	5	3	8	11	0	0	0	0	1	1	1	17	5	6	0	0	0	3	19	0	0	7	3	3	2	1	3	3
MILFORD HAVEN C.G.	39	3	1012.6	-	6.2	1.1	8.0	84	4.5	7	4	5	2	12	0	0	0	0	0	0	1	9	15	5	0	0	1	11	13	5	8	5	5	1	2	2	1	1
		9	1013.1	- 2.8	7.2	1.2	8.4	82	5.7	1	3	7	10	9	0	0	0	0	0	0	0	1	12	10	7	0	0	1	14	11	4	5	7	6	4	1	0	2	1
		15	1012.8	-	9.9	2.5	8.3	68	5.6	1	2	12	7	8	0	0	0	0	0	0	0	12	11	7	0	0	1	17	11	1	4	3	3	4	3	3	5	4
		21	1013.1	-	7.3	1.3	8.4	81	4.9	7	2	5	3	13	0	0	0	0	0	0	0	11	11	8	0	0	1	10	18	1	9	6	3	4	0	3	2	2
WEST GLAMORGAN																																										
MUMBLES HEAD	37	3	1012.5	-	5.9	0.9	8.1	86	5.3	3	5	3	5	14	0	0	0	0	0	1	0	6	10	11	2	0	3	11	14	2	6	7	8	2	0	0	4	1
		9	1013.0	-	7.2	1.3	8.2	80	6.3	0	3	4	9	13	1	0	0	0	1	0	2	14	6	6	1	1	0	14	13	2	5	8	8	3	1	0	3	0
		15	1012.4	-	9.1	2.1	8.5	73	6.2	0	2	6	14	8	0	0	0	0	0	0	0	13	8	6	3	0	3	17	9	1	4	2	7	2	2	3	9	0
		21	1012.8	-	7.4	1.5	8.2	79	5.2	5	3	4	6	12	0	0	0	0	0	0	1	11	5	11	2	0	4	11	15	0	2	9	3	4	0	0	6	6

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT (OKTAS): MEAN	CLOUD AMOUNT (OKTAS): 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE: 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT): 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
										NUMBER OF OBSERVATIONS																																	
8A WALES S -CONTD.																																											
MID GLAMORGAN																																											
CILFYNYDD	195	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1013.3	-	5.0	0.9	7.6	86	6.2	2	3	2	7	14	2	0	1	0	1	0	0	9	19	0	0	0	1	8	14	7	3	10	3	1	1	1	2	2					
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH GLAMORGAN																																											
RHOOSE	69	3	1012.4	-	4.5	0.9	7.4	85	5.4	2	5	5	3	15	0	0	0	0	0	1	1	8	9	10	1	0	0	11	19	0	4	11	4	2	0	1	4	4					
		9	1012.9	- 3.3	6.3	1.3	7.8	80	6.2	1	2	5	9	13	0	0	0	0	0	1	1	14	8	2	4	0	0	16	14	0	1	12	7	0	1	0	5	4					
		15	1012.1	-	9.1	2.4	8.0	69	6.2	0	4	3	13	10	0	0	0	0	0	0	2	9	7	8	4	0	0	18	12	0	1	9	4	2	3	1	7	3					
		21	1012.7	-	6.5	1.4	7.7	79	5.8	1	6	2	7	14	0	0	0	0	0	1	1	10	5	11	2	0	0	9	21	0	2	10	3	2	0	1	7	5					
8B ENGLAND SW																																											
AVON																																											
FILTON	61	3	1013.0	-	4.4	0.7	7.5	88	5.9	2	4	3	9	12	0	0	0	0	0	0	3	14	7	6	0	0	0	10	16	4	4	8	7	2	0	1	4	0					
		9	1013.4	- 2.9	6.5	1.2	8.0	81	6.3	0	5	2	10	13	0	0	0	0	0	1	4	7	14	3	1	0	0	19	10	1	4	10	6	2	1	1	5	0					
		15	1012.4	-	9.3	2.3	8.2	70	6.3	0	3	5	13	9	0	0	0	0	0	0	3	9	7	11	0	0	1	17	12	0	2	8	6	3	1	2	7	1					
		21	1013.3	-	6.4	1.3	7.9	80	5.5	2	4	5	8	10	1	0	0	1	0	0	6	6	8	9	0	0	1	9	16	4	3	10	5	2	0	4	3	1					
SOMERSET																																											
EXTON	-	9	-	-	4.6	0.8	7.5	87	6.3	1	1	7	5	11	5	0	5	0	0	1	1	15	3	2	3	0	1	11	18	0	8	6	8	1	3	1	2	1					
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	4.5	0.8	7.4	86	5.4	3	5	5	1	14	2	0	2	0	0	0	0	10	4	11	3	0	0	10	19	1	9	8	2	2	4	1	3	0					
YEOVILTON	23	3	1012.4	-	4.6	0.7	7.7	89	5.8	2	6	3	2	17	0	0	0	0	0	1	5	14	8	2	0	0	0	9	12	9	2	5	3	3	1	0	3	4					
		9	1012.8	-	7.0	1.3	8.2	80	6.2	1	5	0	13	11	0	0	0	0	0	0	9	14	5	2	0	0	0	17	10	3	4	6	7	4	1	1	2	2					
		15	1012.0	-	9.9	2.7	8.1	67	6.5	0	2	2	15	11	0	0	0	0	0	1	6	4	11	7	0	0	3	15	10	2	2	8	3	4	2	3	3	3					
		21	1012.7	-	6.9	1.3	8.2	80	5.3	2	6	5	4	13	0	0	0	0	0	1	4	8	11	6	0	0	1	8	13	8	5	6	2	0	4	2	1	2					
DORSET																																											
HURN	11	3	1011.9	-	4.3	0.7	7.6	89	5.6	6	1	5	0	18	0	0	0	0	1	2	2	9	7	8	1	0	0	6	21	3	6	6	2	1	2	4	2	4					
		9	1012.5	-	7.0	1.5	8.0	79	5.9	1	4	6	5	14	0	0	0	0	0	1	3	10	6	9	1	0	0	13	16	1	7	8	3	2	2	3	2	2					
		15	1011.7	-	9.6	2.8	7.8	66	6.2	0	3	4	12	11	0	0	0	0	0	0	4	6	6	14	0	0	0	14	16	0	5	6	3	1	5	4	2	4					
		21	1012.5	-	6.5	1.3	8.0	81	5.0	3	6	3	8	10	0	0	0	1	0	0	2	9	8	7	3	0	0	8	19	3	5	9	2	2	1	3	4	1					
PORTLAND BILL.C.G.	54	3	1011.6	-	5.9	0.6	8.5	90	5.1	8	2	1	3	16	0	0	0	0	0	0	2	8	13	6	1	0	4	13	12	1	5	6	7	0	3	0	5	3					
		9	1012.3	-	6.8	0.9	8.7	87	5.7	1	4	6	6	13	0	0	0	0	1	1	1	9	11	7	0	0	2	18	9	1	7	6	7	0	3	1	3	2					
		15	1011.8	-	8.9	1.6	9.0	79	6.0	0	4	6	7	12	1	0	0	0	1	1	1	9	10	8	0	0	2	14	12	2	3	6	6	0	6	0	6	1					
		21	1012.3	-	7.1	1.0	8.7	85	4.8	7	3	5	1	14	0	0	0	0	0	2	1	10	9	8	0	0	2	12	15	1	5	7	6	2	0	1	6	2					
DEVON																																											
EXETER	38	3	1012.3	-	5.0	0.8	7.7	87	5.4	3	7	1	6	13	0	0	0	0	1	0	0	9	6	13	1	0	2	10	15	3	3	8	4	3	2	0	4	3					
		9	1012.9	- 3.5	7.2	1.5	8.1	78	6.3	1	2	3	13	11	0	0	0	0	0	0	2	8	10	5	5	0	1	15	14	0	5	9	4	2	4	0	2	4					
		15	1012.2	-	9.7	2.6	8.1	67	6.7	0	2	2	16	10	0	0	0	0	0	0	1	6	7	8	8	0	2	20	8	0	2	9	0	7	2	0	5	5					
		21	1012.8	-	6.9	1.3	8.2	82	5.5	2	5	4	10	9	0	0	0	0	0	0	2	7	9	7	5	0	2	9	19	0	3	6	2	4	2	1	3	9					
HARTLAND POINT	93	3	1012.1	-	6.1	1.1	7.9	83	4.9	4	5	7	3	11	0	0	0	0	0	0	0	0	14	9	7	0	6	14	10	0	5	8	6	2	2	1	5	1					
		9	1012.8	-	6.9	1.3	8.1	80	6.2	0	1	9	11	8	1	0	1	0	0	0	1	4	15	4	5	0	5	13	9	3	5	10	2	1	2	1	4	2					
		15	1012.6	-	8.3	2.0	8.0	73	6.7	0	0	7	11	12	0	0	0	0	0	0	6	12	6	6	0	5	11	13	1	7	11	3	0	1	2	5	0					
		21	1012.8	-	7.2	1.5	8.0	78	5.3	3	3	8	4	12	0	0	1	0	0	0	2	2	15	5	5	1	2	14	13	0	7	10	4	1	2	0	5	1					
MOUNT BATTEN	28	3	1012.1	-	5.8	1.0	8.0	85	5.1	4	6	2	6	12	0	0	0	0	0	0	2	7	11	9	1	0	0	10	19	1	6	8	7	1	2	0	5	0					
		9	1012.6	- 3.8	7.7	1.7	8.2	76	6.0	0	4	4	11	11	0	0	0	0	0	0	1	2	8	10	6	3	0	0	15	15	0	5	7	7	2	2	1	4	2					
		15	1012.3	-	9.8	2.6	8.1	67	6.0	0	4	6	10	10	0	0	0	0	0	0	1	7	6	10	6	0	0	18	12	0	4	7	3	5	5	2	4	2					
		21	1012.7	-	7.5	1.5	8.2	78	5.2	2	4	7	6	11	0	0	0	0	0	1	1	7	10	10	1	0	1	8	21	0	7	7	3	1	3	0	6	3					
PRAWLE POINT	-	3	-	-	-	-	-	-	4.2	10	2	4	2	12	0	0	0	0	0	0	2	4	13	11	0	2	8	11	8	1	6	8	2	1	2	0	6	4					
		9	-	-	-	-	-	-	6.2	0	1	8	10	11	0	0	0	0	0	0	4	12	5	9	0	1	9	9	9	2	5	9	4	1	1	1	6	1					
		15	-	-	-	-	-	-	6.0	0	3	8	7	12	0	0	0	0	0	0	4	7	8	11	0	0	8	16	5	1	3	7	8	1	1	2	5	2					
		21	-	-	-	-	-	-	4.6	5	5	7	3	10	0	0	0	0	0	0	3	5	12	10	0	1	7	13	8	1	5	5	4	1	1	1	6	6					
CORNWALL																																											
CULDROSE	84	3	1012.1	-	5.4	0.6	8.1	89	4.6	6	5	4	4	11	0	0	0	1	0	0	1	11	9	8	0	0	0	14	15	1	6	10	3	2	0	4	3	1					
		9	1012.6	-	7.4	1.3	8.5	82	5.8	0	3	9	9	9	0	0	0	0	0	1	2	10	10	7	0	0	1	18	10	1	4	9	4	3	3	0	4	2					
		15	1012.5	-	9.0	1.9	8.6	75	6.1	0	2	8	9	11	0	0	0	0	1	1	1	9	11	7	0	0	1	18	11	0	5	4	7	2	4	1	3	4					
		21	1012.9	-	6.3	0.8	8.4	88	4.3	3	8	7	2	10	0	0	0	0	0	1	1	13	9	6	0	0	2	9	19	0	6	7	3	2	2	0	8	2					
GWENNAP HEAD	70	3	1012.0	-	6.5	1.1	8.1	83	4.1	8	5	3	6	8	0	0	0	0	0	1	0	4	8	15	2	1	7	16	5	1	3	5	8	2	2	2	5	2					
		9	1012.5	-	7.7	1.5	8.4	78	5.8	0	3	10	7	9	1	0	0	0	0	1	0	1	7	12	7	2	0	9	16	4	1	2	5	7	7	2	2	2	2					
		15	1012.5	-	8.8	2.1	8.3	72	6.1	0	4	4	10	12	0	0	0	0	0	1	1	10	7	9	2	0	7	15	6	2	5	3	2	4	5	2	3	4					
		21	1012.7	-	7.1	1.3	8.3	81	4.0	3	12	3	4	8	0	0	0	0	0	0	0	9	6	10	5	1	3	20	6	0	4	4	9	2	2	2	4	3					
ST MAWGAN	107	3	1012.2	-	5.3	0.8	7.9	87	4.5	7	4	4	6	9	0	0	0	0	0	2	3	9	2	10	4	0	1	10	18	1	7	6	4	2	6	0	3	1					
		9	1012.7	- 3.4	7.1	1.3	8.3	81	6.1	0	2	6	14	6	0	0	0	0	0	0	1	8	7	11	3	0	1	15	14	0	6	6	5	6	0	1	3	3					
		15	1012.5	-	9.0	2.2	8.3	71	6.1	0	4	2	18	6	0	0	0	0	0	0	2	5	5	9	9	0	2	20	8	0	7	4	1	8	1	1	4	4					
		21	1012.9	-	6.6	1.1	8.3	84	5.1	2	7	3	7	11	0	0	0	0	1	0	2	7	7	10	3	0	2	12	14	2	5	9	2	3	2	0	5	2					
SCILLY	61	3	1012.2	-	7.3	1.3	8.4	81	3.9	6	8	6	2	8	0	0	0	0	0	0	0	8	8	13	1	0	3	16	11	0	8	3	7	3	1	3	3	2					
		9	1012.7	- 3.6	8.6	1.6	8.8	78	5.3	0	4	12	4	10	0	0	0	0	0	0	2	7	8	10	3	0	2	19	9	0	6	3	9	5	2	0	4	1					
		15	1012.7	-	10.1	2.2	9.0	72	5.4	0	7	6	8	9	0	0	0	0	0	0	0	4	15	10	1	0	5	16	8	1	3	7	3	4	3	1	5	3					
		21	1013.0	-	7.9	1.4	8.6	80	4.4	2	10	5	5	8	0	0	0	0	0	0	1	8	6	13	2	0	2	16	10	2	4	5	4	3	1	1	4	6					
CHANNEL ISLANDS																																											
GUERNSEY AIRPORT	105	3	1011.2	-	6.2	1.1	8.0	83	5.6	3	4	3	9	11	0	0	0	0	0	0	1	9	8	7	5	0	4	15	10	1	5	8	2	1	4	1	4	4					
		9	1011.9	-	7.1	1.4	8.2	80	6.1	0	4	4	11	11	0	0	0	1	1	1	2	6	7	8	4	0	4	16	10	0	7	8	3	1	5	3	2	1					
		15	1011.8	-	8.4	2.0	8.1	73	5.6	0	8	2	10	10	0	0	1	0	0	0	2	3	10	9	5	0	5	17	8	0	4	9	2	2	4	1	5	3					
		21	1012.1	-	7.0	1.3	8.2	80	5.5	1	6	4	10	9	0	0	0	0	1	1	3	4	4	13	4	0	5	14	11	0	4	7	6	2	1	1	5	4					
JERSEY AIRPORT	83	9	1012.0	-	7.6	1.3	8.7	82	6.1	0	4	6	10	10	0	0	0	0	1	2	1	6	7	10	3	0	2	18	9	1	7	5	4	5	1	3	4	0					
		15	1011.9	-	9.0	1.8	8.7	77	5.9	0	2	10	6	12	0	0	0	0	0	1	0	10	4	10	5	0	0	21	9	0	6	7	1	2	3	0	9	2					
NORTHERN IRELAND																																											
LONDONDERRY																																											
MONEYDIG	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																																											
ALDERGROVE	73	3	1014.1	-	4.1	0.7	7.3	88	6.4	1	1	6	9	13	0	0	0	0	0	2	0	14	8	5	1	0	0	6	22	2	3	8	7	5	1	2	1	1					
		9	1014.4	+ 0.1	6.4	1.3	7.8	80	6.9	0	2	0	15	13	0	0	0	0	0	1	4	8	12	4	1	0	0	10	20	0	5	2	10	4	2	2	2	3					
		15	1013.9	-	8.7	2.7	7.3	64	6.4	0	2	5	15	8	0	0	0	0	0	0	1	4	10	13	2	0	0	14	16	0	5	7	7	4	3	2	0	2					
		21	1014.7	-	5.6	1.3	7.3	79	5.3	1	6	4	13	6	0	0	0	0	0	0	1	11	9	7	2	0	0	7	23	0	5	6	7	6	2	0	2	2					
TYRONE																																											
CARRIGANS	112	9	1014.4	-	6.3	1.2	7.9	82	6.3	0	1	8	10	10	1	0	0	2	1	0	0	12	10	5	0	0	0	8	18	4	2	3	7	4	4	0	1	5					
		15	1013.7	-	10.0	2.8	8.0	65	5.8	0	2	9	12	7	0	0	0	0	0	0	0	7	13	7	3	0	1	15	14	0	4	4	6	6	2	1	2	5					
		21	1014.6	-	5.9	1.3	7.7	81	4.9	3	5	7	9	6	0	0	0	0	0	0	0	11	14	5	0	0	0	8	20	2	5	5	9	4	0	0	1	4					

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

APRIL 1978

STATION	MAXIMUM °C								MINIMUM °C							
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
LERWICK (PSYCHROMETER)	0	6	24	0	0	0	0	0	0	0	0	7	21	2	0	0
LERWICK (SCREEN)	0	6	24	0	0	0	0	0	0	0	0	8	21	1	0	0
STORNOWAY	0	2	22	6	0	0	0	0	0	0	0	3	19	8	0	0
CARLISTONE	0	6	19	5	0	0	0	0	0	0	0	6	22	2	0	0
ROTHESAY	0	2	18	10	0	0	0	0	0	0	0	2	18	10	0	0
ABBOTSINCH	0	1	18	11	0	0	0	0	0	0	1	6	15	8	0	0
ESKDALEMUIR (PSYCHROMETER)	0	4	19	7	0	0	0	0	0	0	1	9	19	1	0	0
ESKDALEMUIR (SCREEN)	0	4	19	7	0	0	0	0	0	0	1	8	18	3	0	0
DOUGLAS	0	1	20	9	0	0	0	0	0	0	0	2	19	9	0	0
BOULMER	0	1	27	2	0	0	0	0	0	0	0	4	16	10	0	0
HULL	0	2	18	10	0	0	0	0	0	0	0	3	21	6	0	0
DORLESTON	0	1	27	2	0	0	0	0	0	0	0	3	16	11	0	0

STATION	MAXIMUM °C								MINIMUM °C							
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
CAMBRIDGE BOTANIC GARDENS	0	1	11	16	2	0	0	0	0	0	0	7	14	9	0	0
EDGBASTON	0	1	19	10	0	0	0	0	0	0	0	4	20	6	0	0
KEW (PSYCHROMETER)	0	0	15	12	3	0	0	0	0	0	0	5	10	15	0	0
KEW (NORTH-WALL SCREEN)	0	0	13	14	3	0	0	0	0	0	0	2	12	16	0	0
HASTINGS	0	0	18	10	2	0	0	0	0	0	0	2	13	15	0	0
SOUTHAMPTON	0	0	10	18	2	0	0	0	0	0	0	4	10	16	0	0
STONYHURST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY	0	1	11	16	2	0	0	0	0	0	0	3	15	12	0	0
RHOOSE	0	0	14	14	2	0	0	0	0	0	0	4	15	11	0	0
FALMOUTH	0	1	13	16	0	0	0	0	0	0	0	1	17	12	0	0
ALDERGROVE	0	1	16	13	0	0	0	0	0	0	0	4	18	8	0	0
ARMAGH	0	1	15	12	2	0	0	0	0	0	0	5	16	9	0	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

APRIL 1978

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES: ABOVE MSL	ABOVE GROUND	EFFECTIVE	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED: 34 KT OR MORE (GALE FORCE): DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DATES	NUMBER OF HOURS: 22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES: HOURLY WIND: YEAR FROM N	SPEED-KT	DAY	HOUR BETWEEN	GUST: YEAR FROM N	SPEED-KT	DAY	TIME
0 SCOTLAND N																					
SHETLAND	LERWICK	93	10	10		0	3	3	385	290	42	0	11.0	230	22	8	15	350	32	10	1654
ORKNEY	KIRKWALL AIRPORT	41	15	10		0	5	30	441	194	55	0	12.0	360	29	9	20	350	40	9	2024
WESTERN ISLES	BENBECULA	16	10	10		0	8	39	289	322	70	0	10.6	350	32	9	13	350	48	9	1318
	STORNOWAY	12	10	10		0	4	16	313	303	87	1	10.4	010	26	9	13	360	41	9	2018
HIGHLAND	DALCROSS	19	10	10		0	2	3	281	279	157	0	8.7	350	24	9	21	350	36	9	2048
	DOUNREAY	34	12	9		0	3	9	319	298	88	6	9.7	140	27	20	12	140	39	20	1242
	DUIRINISH	38	20	17		0	2	5	229	350	135	1	8.4	350	24	9	22	350	38	10	1448
	FORT AUGUSTUS	58	16	16		0	0	0	78	323	319	0	4.9	080	15	30	11	080	26	30	1112
	WICK	45	10	10		0	1	7	333	286	94	0	10.1	360	26	9	20	360	37	9	2100
1 SCOTLAND E																					
	ABERDEEN.DYCE AIRPORT	68	10	10		0	2	4	163	415	138	0	7.5	350	25	9	23	330	41	9	2348
	FRASERBURGH	29	13	11	9	2	9	56	283	266	113	0	10.9	010	34	9	22	020	47	9	2218
	KINLOSS	18	13	13		0	2	9	233	348	130	0	8.6	350	28	9	22	340	41	9	1736
	LOSSIEMOUTH	17	10	10		0	2	9	290	315	106	0	9.4	360	31	9	17	350	45	9	1736
TAYSIDE	BELL ROCK	39	40	38	10	5	11	114	333	204	64	0	13.5	330	39	10	01	330	51	10	0054
	MYLNEFIELD	40	10	10		0	0	0	129	367	224	0	6.6	110	16	1	00	340	30	10	0012
	TURNEL BRIDGE	161	16	16		0	0	0	22	375	323	0	4.6	310	12	14	10	290	27	10	1200
FIFE	LEUCHARS	25	13	13		0	4	24	277	321	98	0	9.8	070	24	27	18	330	35	10	0042
LOTHIAN	EDINBURGH																				
	TURNHOUSE AIRPORT	43	13	10		0	0	0	252	356	112	0	8.6	060	21	27	10	080	35	27	0754
	ROYAL OBSERVATORY, BLACKFORD HILL	159	10	10		0	3	12	311	331	66	0	9.9	070	24	27	10	070	36	27	1206
	FORTH ROAD BRIDGE	72		72	DEFECTIVE RECORD																
6 SCOTLAND W																					
STRATHCLYDE	ABBOTSINCH AIRPORT	16	10	10		0	0	0	271	339	110	0	8.8	070	21	30	10	070	32	30	0842
	ARDROSSAN	24	20			0	6	25	321	320	48	6	11.0	350	31	9	20	360	46	9	2148
	DUNSTAFFNAGE	13	10	10	DEFECTIVE RECORD																
	GREENOCK PORT	51	49			0	1	2	291	322	105	0	9.4	090	23	30	16	020	34	10	1600
	INCHTERF	55	15	12	DEFECTIVE RECORD																
	LOWTHER HILL	754	27		30	2	14	103	336	222	57	0	13.3	070	36	30	08	280	47	9	1742
	MACHRIHANISH	22	12	12		0	10	59	381	225	55	0	12.3	340	31	9	18	340	53	9	1812
	PAISLEY	57	25	9		0	0	0	133	371	216	0	6.7	090	18	30	11	320	38	10	1424
	PRESTWICK AIRPORT	21	10	10		0	3	11	271	342	96	0	9.6	330	24	9	22	310	39	9	1606
	TIREE	24	16	12	9	5	6	34	370	246	65	0	11.7	340	40	9	16	340	61	9	1624
DUMFRIES AND GALLOWAY	ESKDALEMUIR	259	10	10		0	3	4	170	360	186	0	7.3	030	23	30	23	320	40	10	0148
	WEST FREUGH	25	10	10	DEFECTIVE RECORD																
2 ENGLAND E & NE																					
NORTHUMBERLAND	BLYTH	19	10	10		0	3	18	253	331	62	56	9.9		27	27	10	350	39	14	0930
	BOULMER	33	10	10		0	2	5	255	387	73	0	9.0	310	23	14	08	340	39	14	1124
TYNE AND WEAR	SOUTH SHIELDS	22	17	13		0	3	13	315	264	128	0	9.5	360	27	14	13	010	36	14	1336
CLEVELAND	SOUTH GARE	28	20	20		0	12	73	397	180	70	0	12.8	320	31	10	05	330	43	10	0600
DURHAM	DURHAM	119	16	10		0	0	0	16	242	444	18	3.1	020	14	14	10	010	27	14	1300
NORTH YORKSHIRE	LEEMING	42	10	10		0	1	1	220	384	115	0	8.3	350	22	14	10	350	35	14	1418
	LINTON-ON-OUSE	23	9	10		0	0	0	190	385	145	0	7.8	340	21	14	11	360	36	14	1448
	SILPHO MOOR	207	15	9		0	0	0	18	372	330	0	4.3	360	15	14	12	360	35	14	1230
HUMBERSIDE	SPURN POINT					0	4	9	413	279	16	3	11.8	360	24	14	13	340	39	14	1306
LINCOLNSHIRE	BINBROOK	118	10	10		0	0	0	248	365	107	0	8.8	350	20	14	14	350	37	14	1236
	CONINGSBY	16	10	10		0	0	0	302	325	93	0	9.2	050	20	30	05	340	36	14	1400
	CRANWELL	68	13	13		0	2	3	370	297	44	6	10.5	140	22	18	13	320	37	14	1448
	SCAMPTON	68	10	10		0	0	0	293	367	52	8	9.6	060	20	30	06	350	36	14	1518
	WADDINGTON	80	10	10		0	0	0	332	323	65	0	10.0	050	21	30	06	330	36	14	1648
3 EAST ANGLIA																					
NORFOLK	COLTISHALL	27	10	10		0	0	0	217	383	120	0	8.2	030	19	4	15	040	29	5	0854
	DORLESTON	16	13	13		0	6	20	360	282	58	0	11.3	050	24	5	20	030	39	14	0612

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES: ABOVE MSL	ABOVE GROUND	EFFECTIVE	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED: 34 KT OR MORE (GALE FORCE): DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DATS	22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES: HOURLY WIND: MEAN WIND FROM	SPEED-KT	DAY	HOUR ENDING	GUST: MEAN WIND FROM	SPEED-KT	DAY	TIME
3 EAST ANGLIA - CONTINUED																					
	MARHAM	29	10	10		0	0	0	288	364	68	0	9.1	360	21	14	16	360	34	14	1606
CAMBRIDGESHIRE	WITTERING	87	10	10		0	1	3	315	317	85	0	9.6	060	24	5	10	340	37	14	1324
	WYTON	45	10	10		0	2	2	283	346	89	0	9.1	060	22	5	09	350	35	14	1618
SUFFOLK	HONINGTON	60	13	13		0	0	0	249	401	70	0	8.9	340	20	14	16	340	37	14	1400
	WATTISHAM	105	17	10		0	2	2	356	324	38	0	10.3	340	22	14	16	340	38	14	1306
BEDFORDSHIRE	BEDFORD	94	13	9		0	2	5	310	310	69	26	10.0	010	25	13	22	010	36	13	2212
	CAMDINGTON	70	41	41		0	4	21	411	236	52	0	11.6	050	26	5	10	010	37	13	2224
HERTFORDSHIRE	GARSTON	94	15	10		0	0	0	51	564	105	0	6.4	360	17	14	00	040	33	5	1106
ESSEX	SHOEBURYNESS	17	14	12		0	1	8	335	285	54	38	10.4	040	24	5	13	040	38	5	1518
	STANSTED	108	10	10		0	1	1	239	421	59	0	9.1	070	22	5	10	070	35	5	0936
4 MIDLAND COUNTIES																					
WEST YORKSHIRE	WILSDEN	272	10	10		0	0	0	173	434	113	0	7.7	060	18	30	09	340	32	14	1618
SOUTH YORKSHIRE	FINNINGLEY	19	10	10		0	0	0	134	458	128	0	7.6	350	19	14	13	350	37	14	1500
	HIGH BRADFIELD	405	10	10		0	5	19	404	230	62	5	11.5	040	25	30	08	040	38	30	0824
	SHEFFIELD UNIVERSITY	146	29	15		0	0	0	197	296	227	0	7.2	050	20	5	12	330	35	14	1342
NOTTINGHAMSHIRE	WATNALL	133	16	10		0	0	0	209	412	99	0	8.3	050	20	30	07	050	32	30	0742
STAFFORDSHIRE	CELLARHEAD	241	13	8		0	0	0	167	413	139	1	7.5	070	20	5	10	340	34	14	1654
	KEELE	215	15	10		0	0	0	85	436	199	0	6.1	070	18	30	13	310	37	14	1718
SALOP	SHAWBURY	84	12	10		0	1	1	188	417	109	5	8.2	360	22	13	19	300	32	13	1336
WEST MIDLANDS	BIRMINGHAM																				
	EDGBASTON	196	36	22		0	0	0	111	410	197	2	6.8	010	19	13	21	350	38	14	1418
	ELMDON AIRPORT	104	10	10		0	0	0	260	357	103	0	8.7	040	20	5	09	330	40	14	1300
OXFORDSHIRE	BENSON	67	10	10		0	1	1	301	306	112	0	9.2	040	22	5	12	350	37	13	2336
	BRIZE NORTON	91	13	10		0	4	23	310	295	92	0	10.4	040	25	4	13	010	39	13	2342
	OXFORD	113	50	22		0	3	11	335	316	45	13	10.6	350	25	13	23	330	45	13	2230
5 ENGLAND SE & CENTRAL S																					
GREATER LONDON	HEATHROW AIRPORT	34	10	10		0	1	3	257	365	95	0	8.9	050	23	5	11	050	36	5	1324
	KEW	28	23	15		0	0	0	220	373	127	0	8.1	060	20	5	12	020	41	14	1548
	LONDON WEATHER CENTRE	93	70	38		0	3	3	325	353	39	0	10.1	060	22	5	11	060	40	5	1024
	POST OFFICE TOWER			174	14	1	15	133	455	131	0	0	16.4	030	35	14	00	360	51	14	1542
WILTSHIRE	BOSCOMBE DOWN	130	17	17		0	3	8	382	265	65	0	10.4	360	24	14	00	360	39	14	0036
	LARKHILL	145	13	10		0	4	13	283	332	92	0	9.6	350	25	14	00	350	39	14	0018
	LYNEHAM	160	14	13		0	5	20	362	296	42	0	11.1	040	26	5	12	360	38	13	2342
	PORTON	120	10	10		0	3	9	353	263	95	0	9.9	060	24	5	12	360	37	14	0054
KENT	DOVER	27	21	18	5 14	5	18	160	326	165	64	0	15.0	040	35	5	14	030	48	5	1706
	DUNGENESS	16	10	10		0	12	124	349	209	38	0	14.0	050	31	5	14	030	48	14	1630
	EAST MALLING	33	12	10		0	0	0	90	391	239	0	5.9	040	21	5	13	050	40	5	1718
	ISLE OF GRAIN	15	12	10		0	3	8	262	328	102	20	9.5	050	25	5	10	050	39	5	1012
	MANSTON	62	18	18		0	6	47	364	272	37	0	12.4	040	29	5	13	010	40	14	0454
HAMPSHIRE	CALSHOT	15	13	10	DEFECTIVE RECORD																
	FARNBOROUGH	75	10	10		0	0	0	112	440	168	0	6.8	070	20	5	12	060	33	5	1200
	MIDDLE WALLOP	94	10	10		0	3	6	353	245	75	41	10.3	360	26	14	01	360	42	14	0130
WEST SUSSEX	GATWICK AIRPORT	69	10	10		0	2	6	263	337	114	0	8.8	060	25	5	12	050	40	5	1500
7A ENGLAND NW & I O M																					
CUMBRIA	CARLISLE	41	13	9		0	0	0	180	406	134	0	7.6	090	21	30	10	080	36	30	1236
	GREAT DUN FELL	857	10	10	4 9 13 27 29 30	27	24	189	366	115	10	13	18.1	060	41	30	00	050	49	4	0954
	MOOR HOUSE	595	13	12		0	1	3	180	410	103	24	8.4	050	26	30	11	050	37	30	1142
	SELLAFIELD	25	12	11		0	0	0	68	418	234	0	5.7	010	16	14	15	020	28	14	1512
LANCASHIRE	FLEETWOOD	34	15	9		0	3	8	197	431	84	0	8.7	310	30	9	22	320	40	9	2242
	SQUIRES GATE AIRPORT	22	12	11		0	0	0	271	381	68	0	9.1	310	21	9	22	320	35	9	2254
MERSEYSIDE	AIGBURTH	38	23	11		0	0	0	198	390	132	0	8.0	310	20	9	23	310	34	9	2336
GREATER MANCHESTER	MANCHESTER																				
	RINGWAY AIRPORT	80	10	10		0	1	9	262	347	102	0	9.1	070	25	30	15	010	39	14	1630
	WEATHER CENTRE	82	45	17		0	0	0	117	503	100	0	7.5	050	20	30	09	050	41	30	0936
ISLE OF MAN	POINT OF AYRE	20	10	10		0	9	39	401	234	43	3	12.2	320	31	9	21	320	43	9	2112
	RONALDSWAY	25	10	10		0	2	5	347	288	80	0	10.2	320	24	9	21	330	39	9	2118
7B WALES N																					
GWYNEDD	VALLEY	26	16	12		0	10	37	337	291	55	0	11.6	200	31	20	17	190	45	20	1800
8A WALES SOUTH																					
DYFED	ABERPORTH	144	10	10		0	10	75	265	335	45	0	11.6	350	32	13	19	150	45	17	2324
	BRAWDY	121	10	10		0	8	32	305	333	50	0	11.0	010	30	13	18	010	42	13	1854
	MILFORD HAVEN	47	10	10		0	5	23	262	354	78	3	9.8	260	27	20	17	020	43	13	1854
WEST GLAMORGAN	PORT TALBOT	30	11	7		0	1	1	266	332	105	16	9.0	060	24	30	02	320	42	13	1712
MID GLAMORGAN	CILFYNYDD	210	16	16		0	1	4	241	322	149	4	8.3	260	23	20	13	050	39	5	0818
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10		0	0	0	332	281	107	0	9.7	250	21	20	14	330	34	13	1748
8B ENGLAND SW																					
AVON	AVONMOUTH	28	19	10		0	4	15	362	291	52	0	10.8	010	26	13	22	020	41	13	2248
SOMERSET	YEOVILTON	22	12	10		0	3	9	293	308	109	1	9.7	060	25	5	11	340	41	13	2012
DORSET	HURN AIRPORT	23	13	11		0	2	4	253	327	134	2	8.7	340	26	14	00	340	41	13	2354
	PORTLAND BILL CG	60	13	13		0	13	62	331	243	74	10	12.1	010	30	14	00	350	47	13	1906
DEVON	BURRINGTON	211	10	10		0	6	25	320	288	86	1	10.7	350	26	13	19	350	47	13	1918
	MOUNT BATTEN	64	13	13		0	2	6	324	330	60	0	10.2	340	26	13	20	340	47	13	2048
CORNWALL	CULDROSE					0	4	21	376	289	34	0	11.2	360	33	13	20	360	59	13	2048
	LIZARD	96	23	18		0	15	112	381	203	23	1	14.2	150	30	17	19	340	46	13	2012
	ST MAWGAN	120	13	13		0	6	30	374	278	38	0	11.7	340	28	13	20	340	42	13	2024
	SCILLY(ST MARYS)	70	20	17		0	15	122	397	174	25	2	15.0	150	32	17	19	340	47	13	2230
CHANNEL ISLANDS																					
	GUERNSEY AIRPORT	116	12	12		0	8	104	388	205	23	0	14.1	350	31	13	23	350	47	14	0312
	JERSEY AIRPORT	94	12	10		0	7	47	400	243	30	0	12.6	330	30	13	23	340	45	14	0354
NORTHERN IRELAND																					
LONDONDERRY	COLERAINE UNIVERSITY	33	10	10		0	2	4	222	341	153	0	8.4	340	26	9	17	340	44	9	1654
ANTRIM	ALDERGROVE	80	10	10		0	0	0	208	429	83	0	8.5	350	20	10	16	330	35	9	2136
	BALLYPATRICK FOREST	166	13	13		0	7	33	363	233	91	0	11.0	090	27	30	23	330	41	9	1748
	BELFAST HARBOUR	21	18	18		0	4	7	240	313	136	24	8.8	320	23	13	09	310	37	13	0912
DOWN	KILKEEL	36	19	14	DEFECTIVE RECORD																
	KILLOUGH	31	15	15		0	12	78	378	191	50	23	13.1	030	31	30	12	040	51	30	1224
	ORLOCK HEAD	51	16	12	9 10 13	6	12	75	315	275	35	14	12.7	360	35	10	02		58	9	
TYRONE	CARRIGANS	129	10	10		0	1	2	205	339	173	1	7.6	310	24	13	11	330	39	9	1730
FERMANAGH	CASTLE ARCHDALE FOREST	79	13	13		0	0	0	88	408	200	24	6.0	340	17	13	13		35	9	1730

TABLE 3 ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW C	SCREEN MIN. BELOW C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1976	SEPTEMBER	BLACKBURN SEWAGE WORKS													(27)	21	15	11														
	OCTOBER	ARDS											191				24	20														
		KNAPDALE FOREST											179		21	5	24	21														
		CUMNOCK															21	15														
	NOVEMBER	KNAPDALE FOREST											199		31	27	20	19														
	MARCH	MARGATE		5.6	8.1	+1.8																				-						
	JULY	ABERYSTWYTH											40	47	10	1	6	6														
	SEPTEMBER	NEWTHORPE															(6)	(5)														
		NUNRAW ABBEY	14.0	8.0	11.0		19.0	11	2.3	18			54		11	27	17	11	0	0	0	0	0	1	0			4				
	OCTOBER	PITREAVIE																								1						
		GRANGEMOUTH	14.0	9.0	11.5		18.0	19	4.5	3,11			126		41	30	18	14	0	0	0	0	0	0	0	0	0	0				
	NOVEMBER	PORTHCAWL													22	8																
	DECEMBER	DERRYNOYD FOREST	7.7																													
		LOUGHERMORE FOREST	7.4	2.6	5.0																											
		DIVIS MOUNTAIN	5.8		3.7																											
		ROSE BANK		3.8	6.3																											
		DONNPATRICK																								3						
		LISNASKEA												92																		

Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.

(x) Urban rooftop site.

To be purchased from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London WC1V 6HB; 13a Castle Street, Edinburgh EH2 3AR; 41 The Hayes, Cardiff CF1 1JW; Brazennose Street, Manchester M60 8AS; Southey House, Wine Street, Bristol BS1 2BQ; 258 Broad Street, Birmingham B1 2HE; 80 Chichester Street, Belfast BT1 4JY; or through booksellers. Monthly Parts Price 90p net. Annual Summary £1.25 net. Introduction 90p net. Annual Subscription £14.30 (Including postage, Introduction and Summary). Printed in England for HMSO by Watkiss Studios Ltd. Dd595892K10 ISBN 0 11 725333 2

ISSN 0027-0636